

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
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0811

5919452

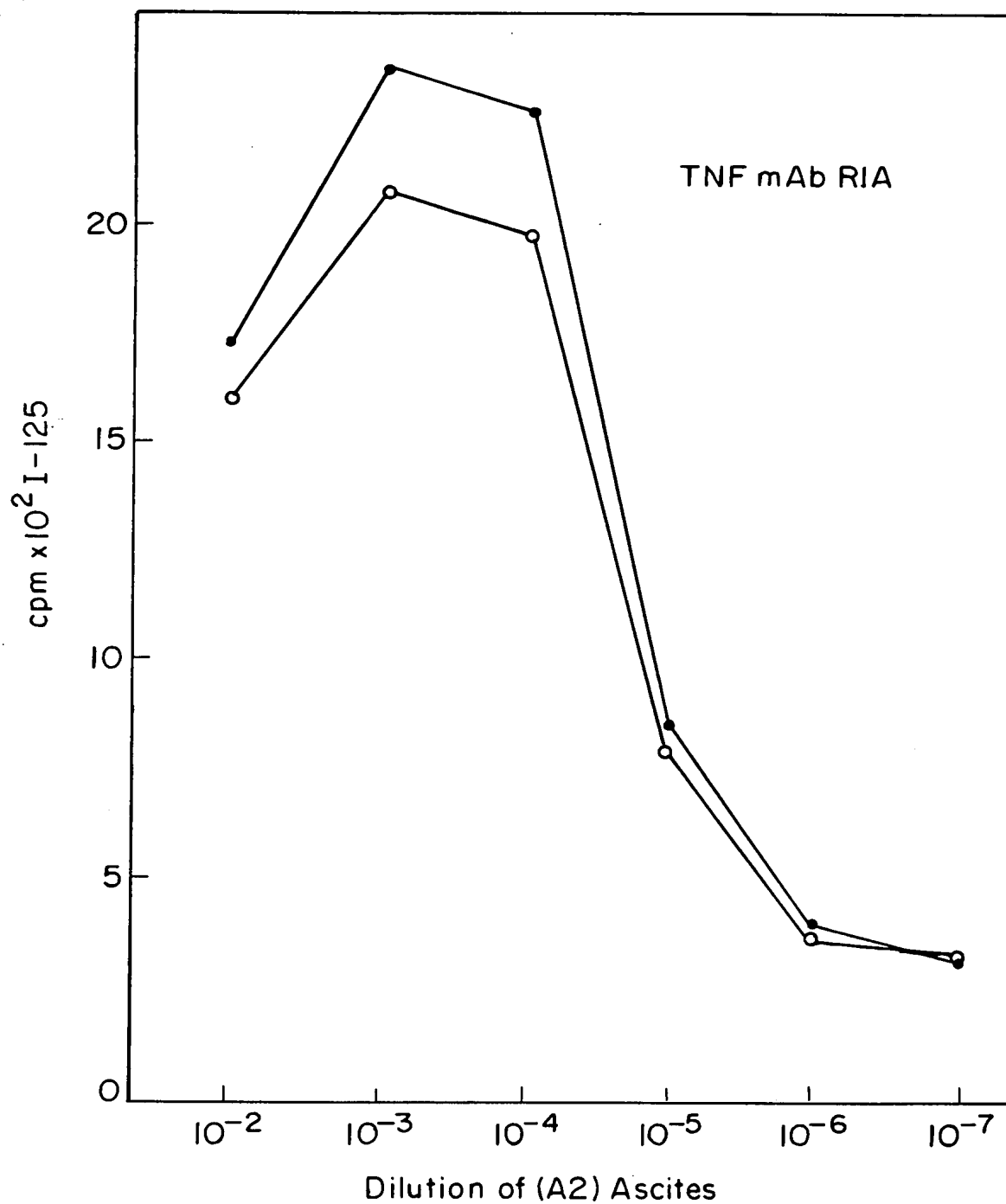


FIG. 1

APPROVED	O.G. FIG.	
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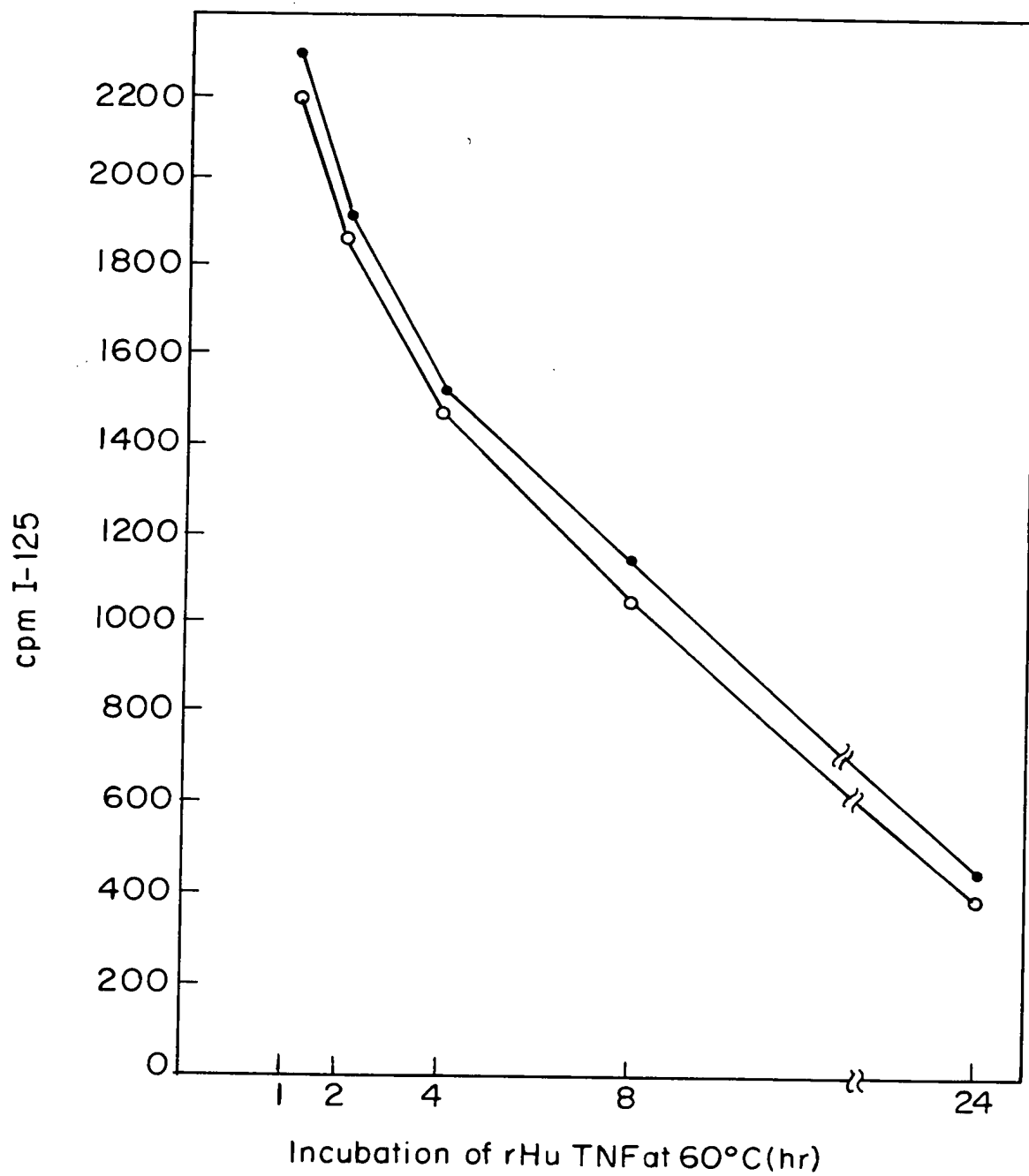


FIG. 2

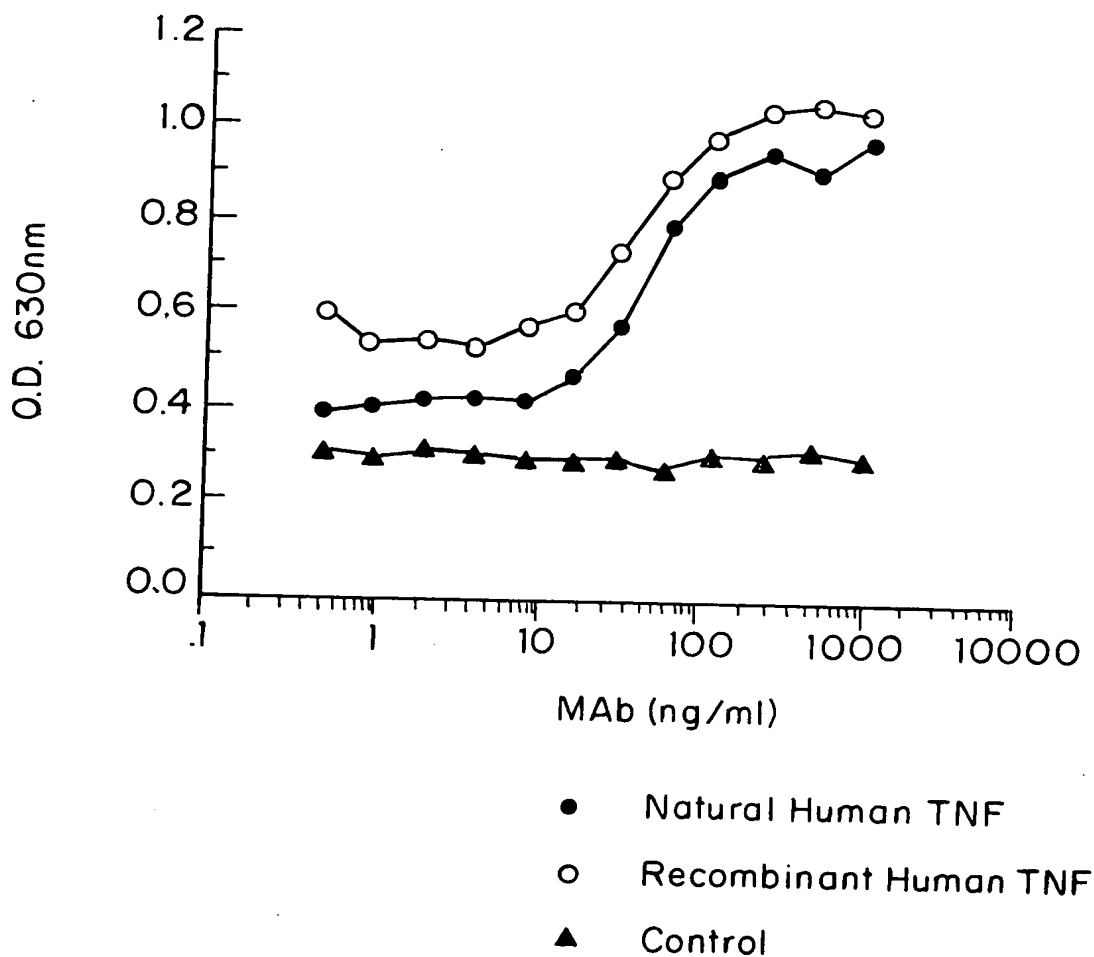


FIG. 3

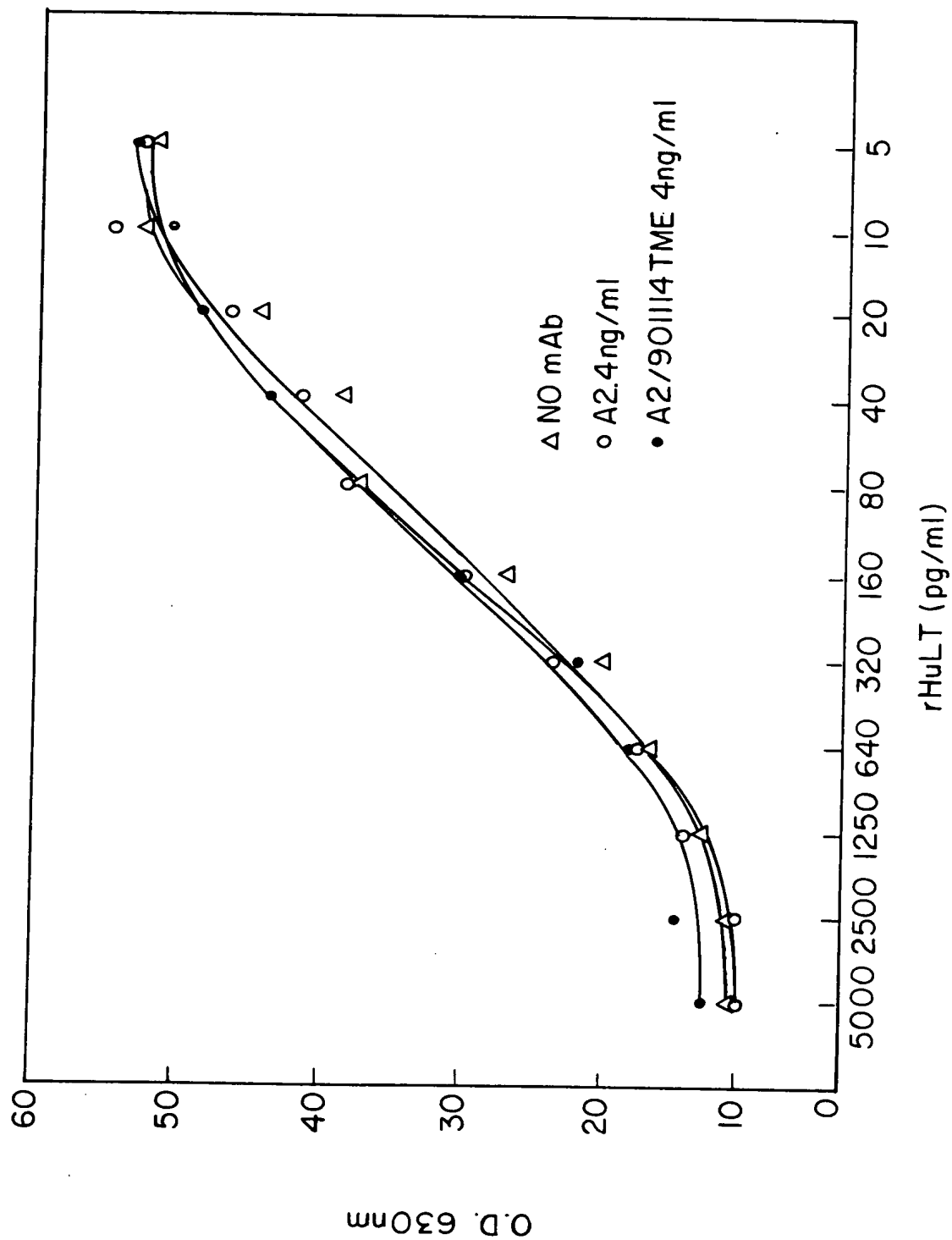


FIG. 4

APPROVED	O.G. FIG.	
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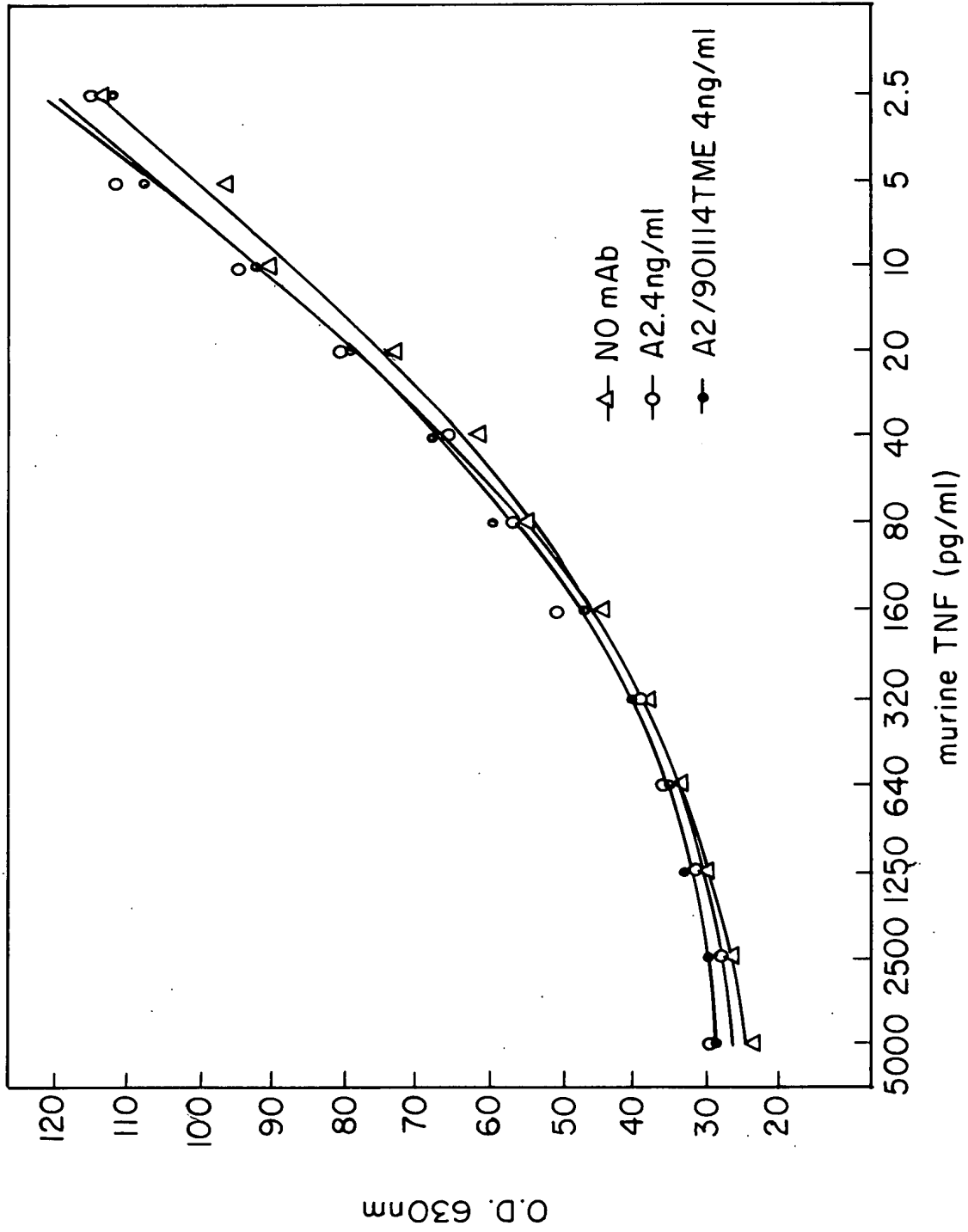


FIG. 5

APPROVED	O.G. FIG.	
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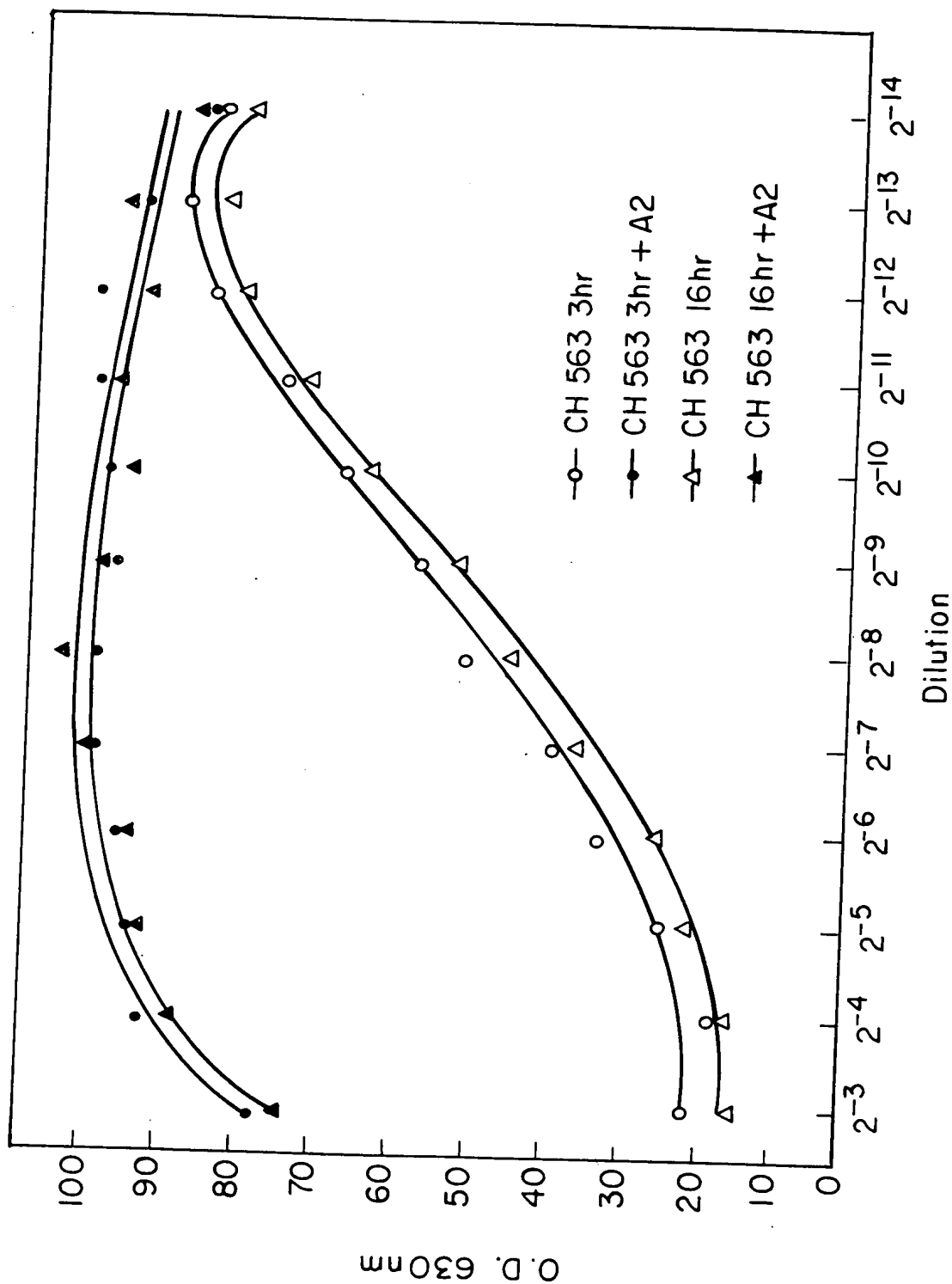


FIG. 6

APPROVED	O.G. FIG.	
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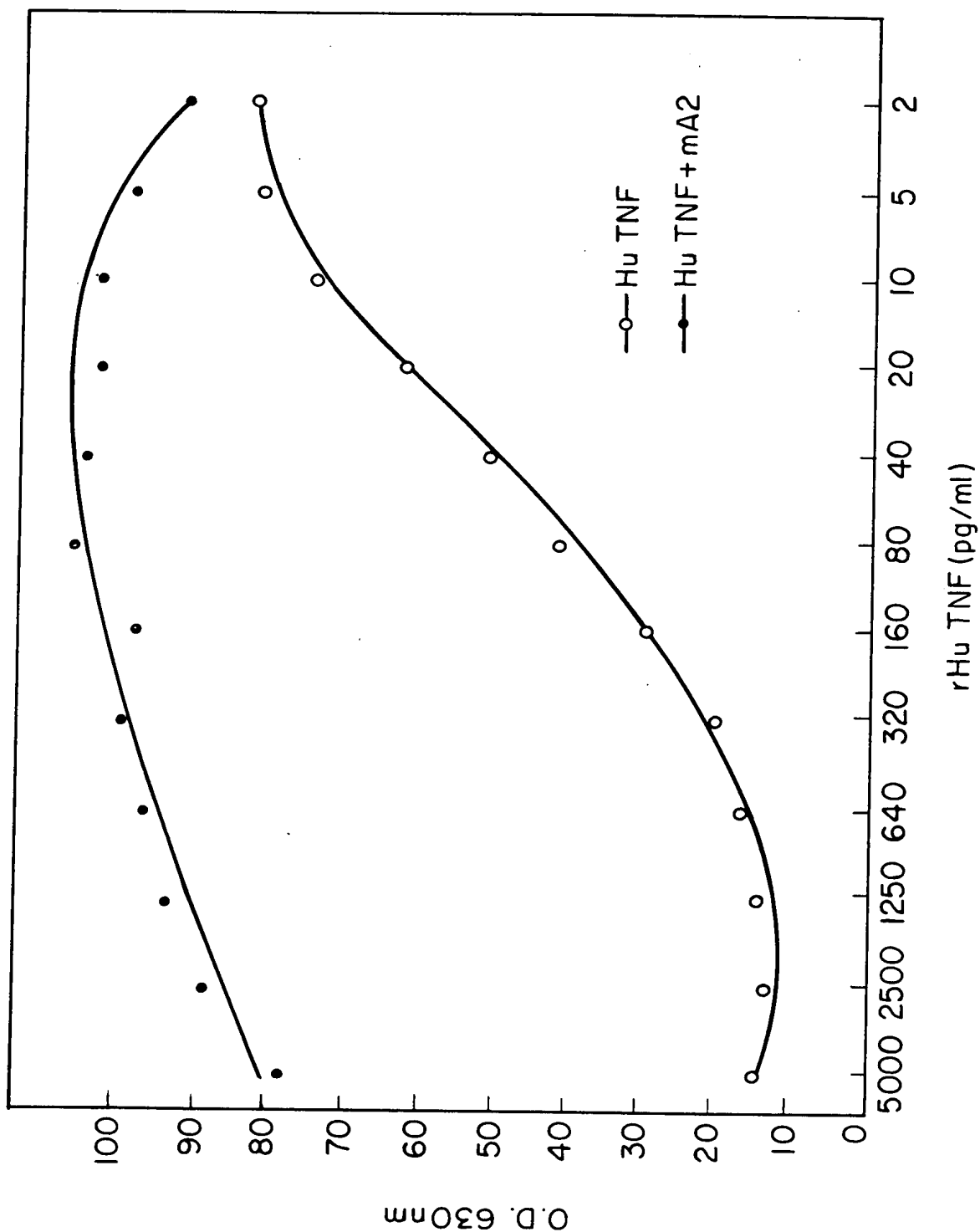


FIG. 7

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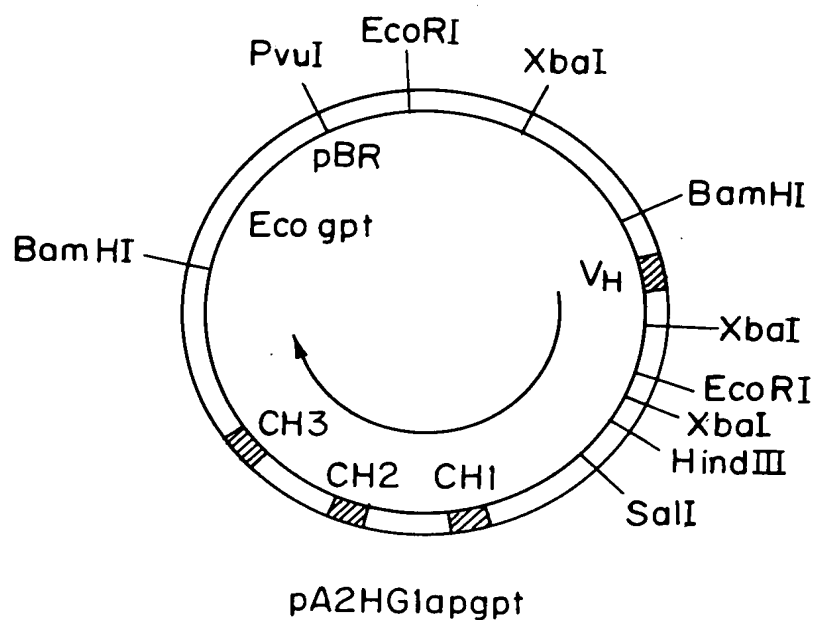


FIG. 8A

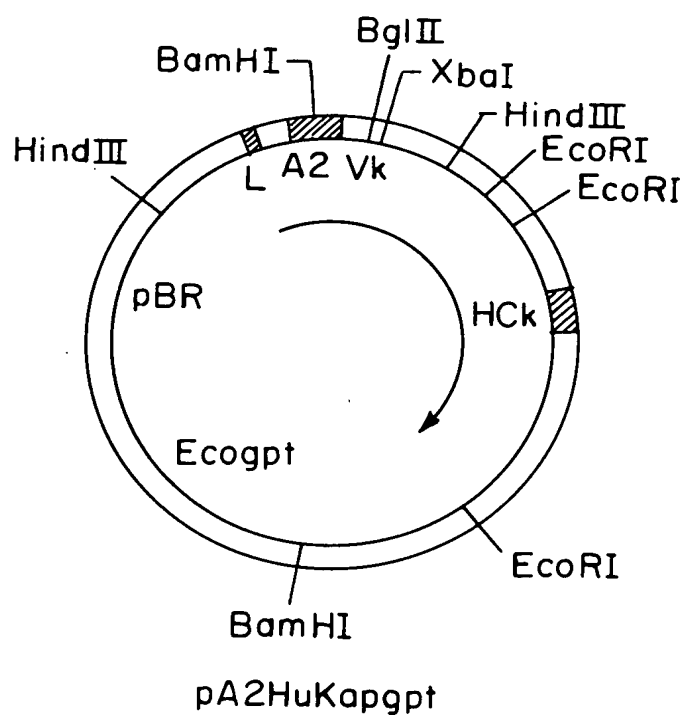


FIG. 8B



APPROVED	O.G. FIG.	
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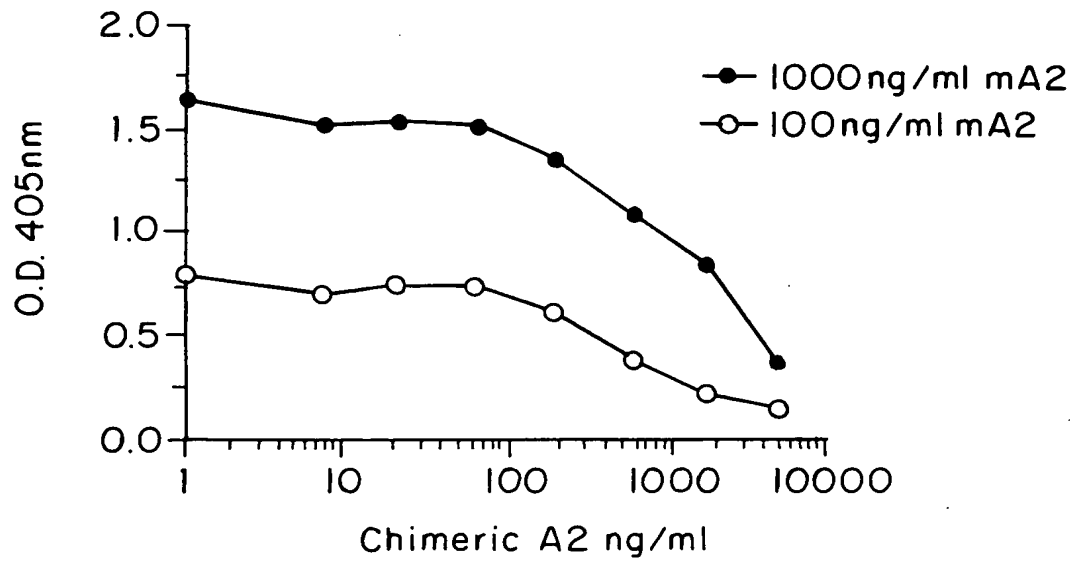


FIG. 9A

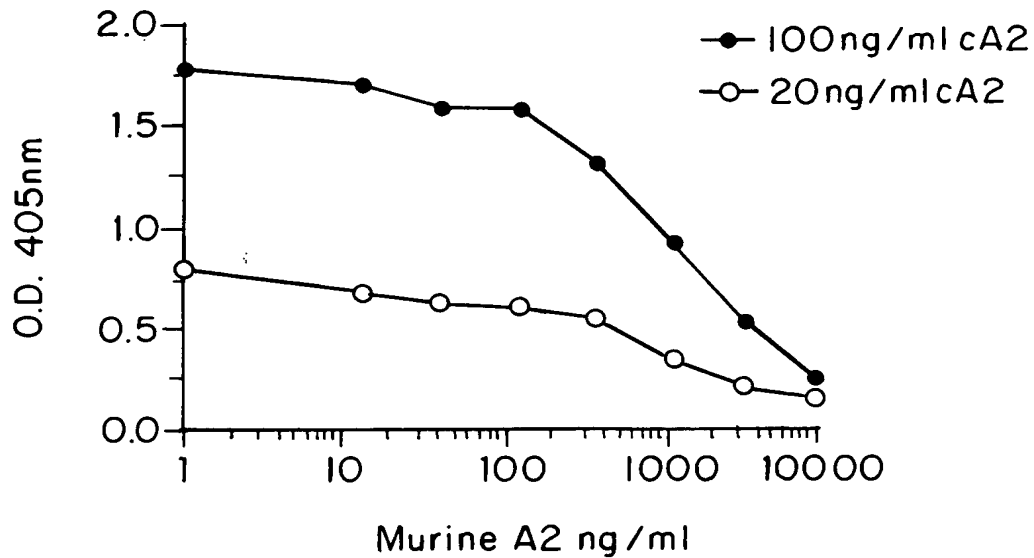


FIG. 9B

APPROVED	O.G. FIG.	
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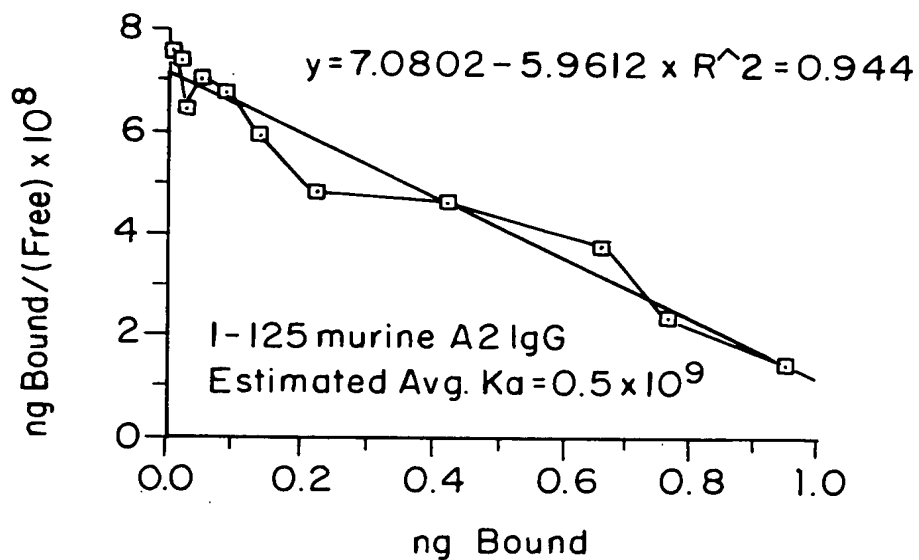


FIG. 10A

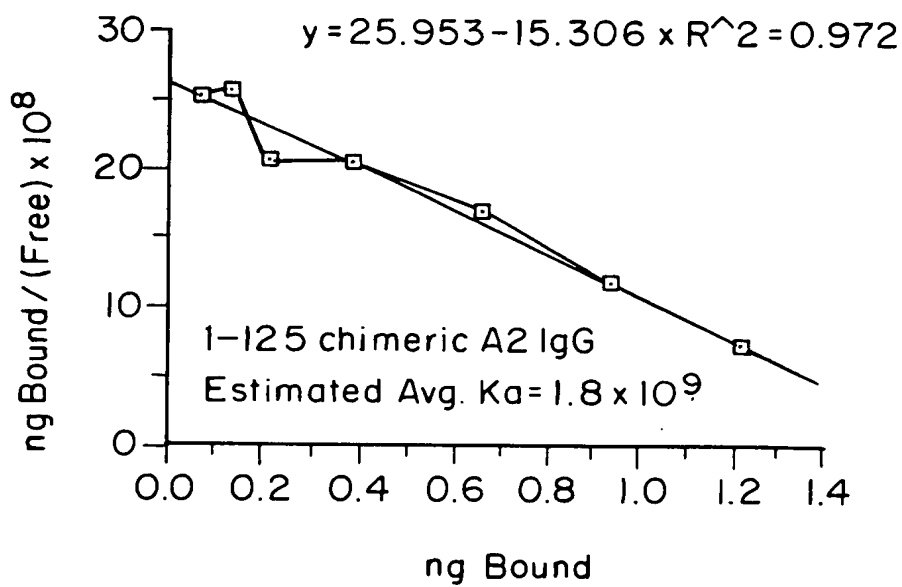


FIG. 10B

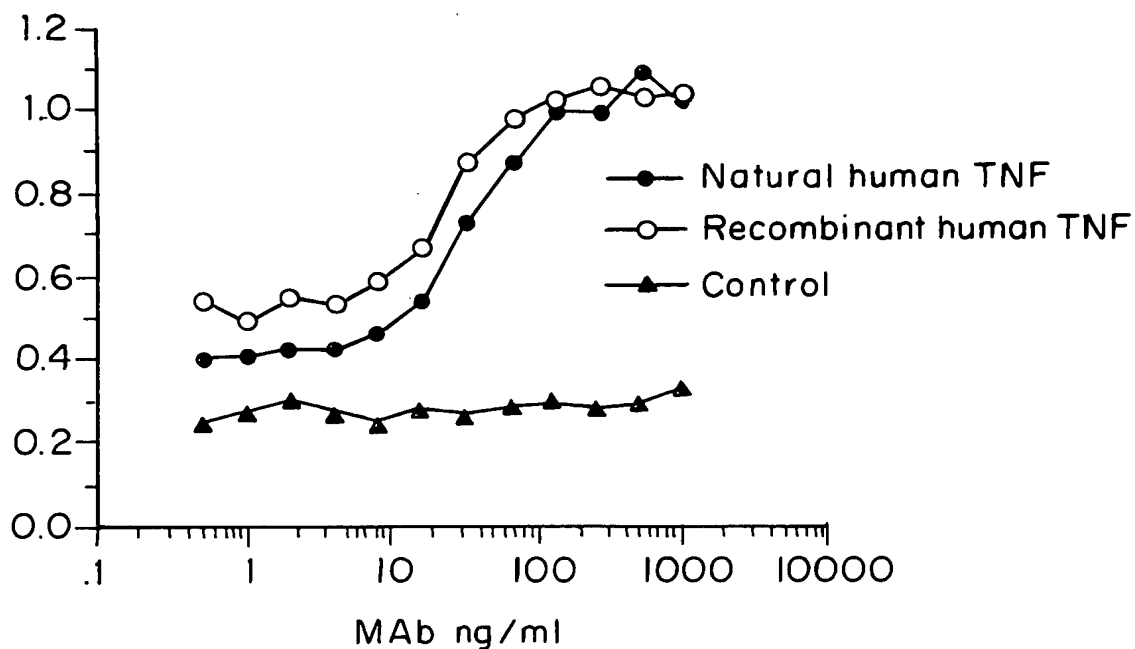


FIG. 11

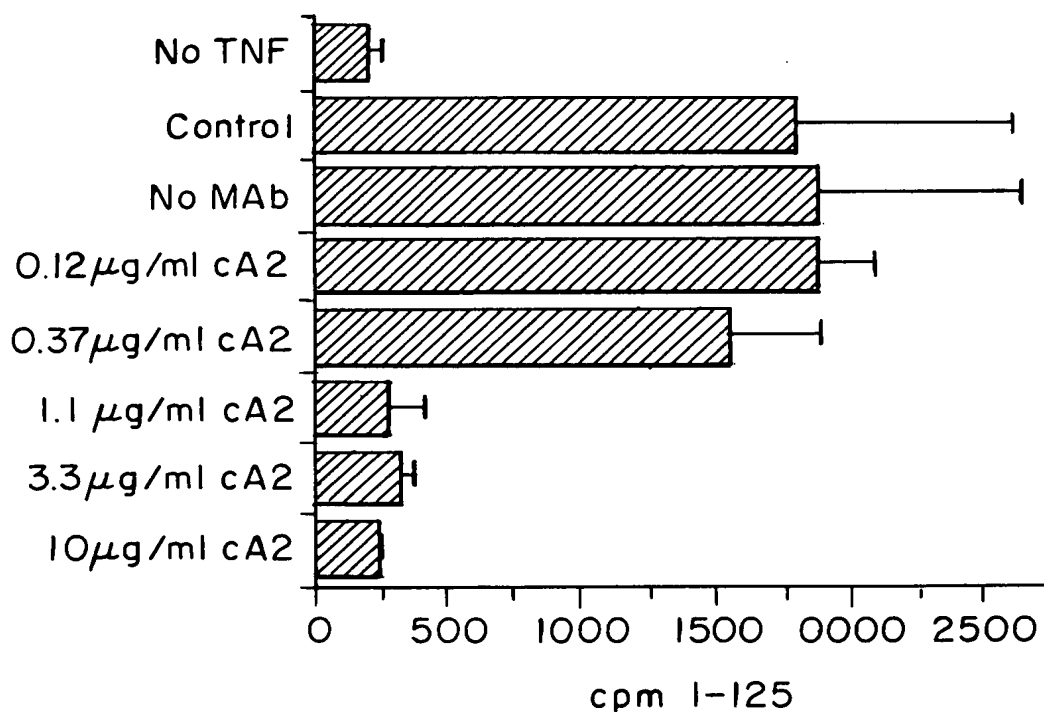


FIG. 12

APPROVED	O.G. FIG.	
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1	Val	Arg	Ser	Ser	Arg	Thr	Pro	Ser	Asp	Lys	Pro	Val	Ala	His	Val	Val	Ala	Asn	Pro
21	Gln	Ala	Glu	Gly	Gln	Leu	Gln	Trp	Leu	Asn	Arg	Arg	Ala	Asn	Ala	Leu	Leu	Ala	Asn
41	Val	Glu	Leu	Arg	Asp	Asn	Gln	Leu	Val	Val	Pro	Ser	Glu	Gly	Leu	Tyr	Leu	Ile	Tyr
61	Gln	Val	Leu	Phe	Lys	Gly	Gln	Gly	Cys	Pro	Ser	Thr	His	Val	Leu	Leu	Thr	His	Thr
81	Ser	Arg	Ile	Ala	Val	Ser	Tyr	Gln	Thr	Lys	Val	Asn	Leu	Leu	Ser	Ala	Ile	Lys	Ser
101	Cys	Gln	Arg	Glu	Thr	Pro	Glu	Gly	Ala	Glu	Ala	Lys	Pro	Trp	Tyr	Glu	Pro	Ile	Tyr
121	Gly	Gly	Val	Phe	Gln	Leu	Glu	Lys	Gly	Asp	Arg	Leu	Ser	Ala	Glu	Ile	Asn	Arg	Pro
141	Tyr	Leu	Asp	Phe	Ala	Glu	Ser	Gly	Gln	Val	Tyr	Phe	Gly	Ile	Ile	Ala	Leu		

FIG. 13

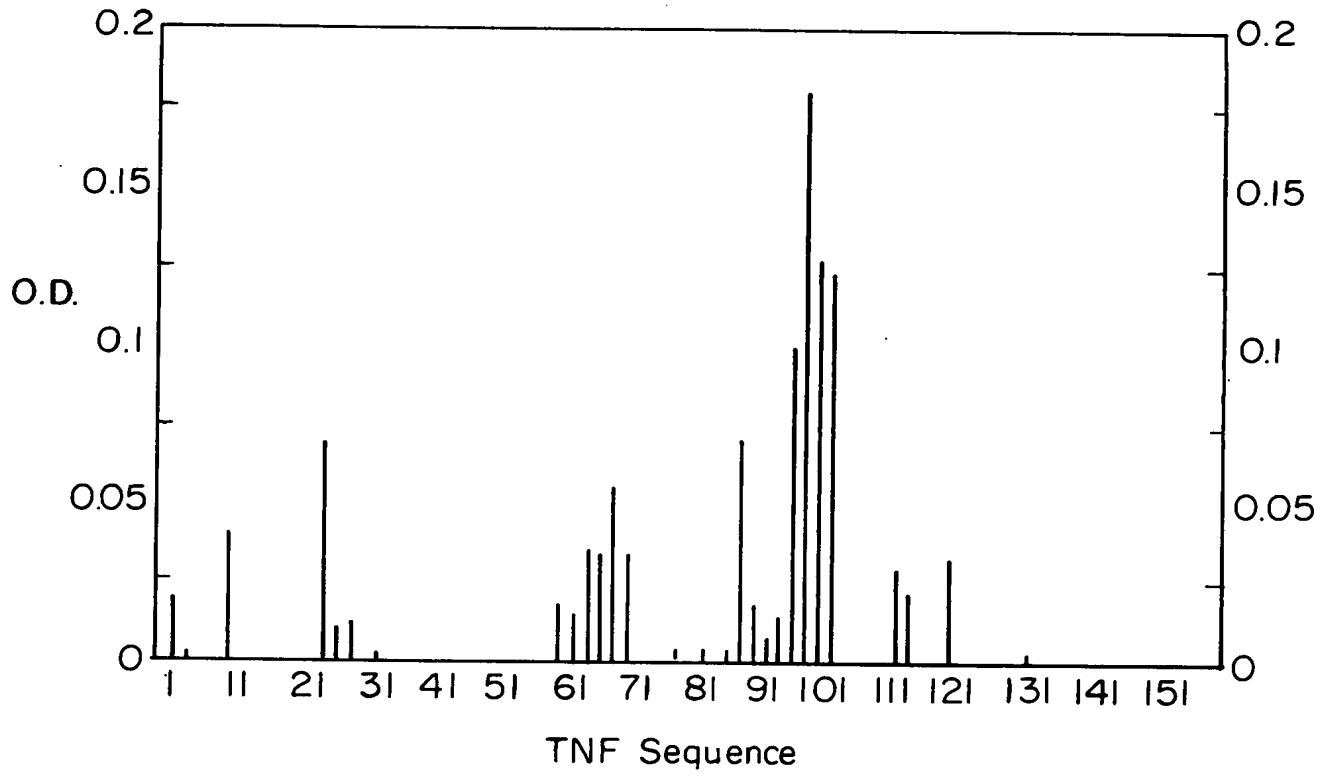


FIG. 14A

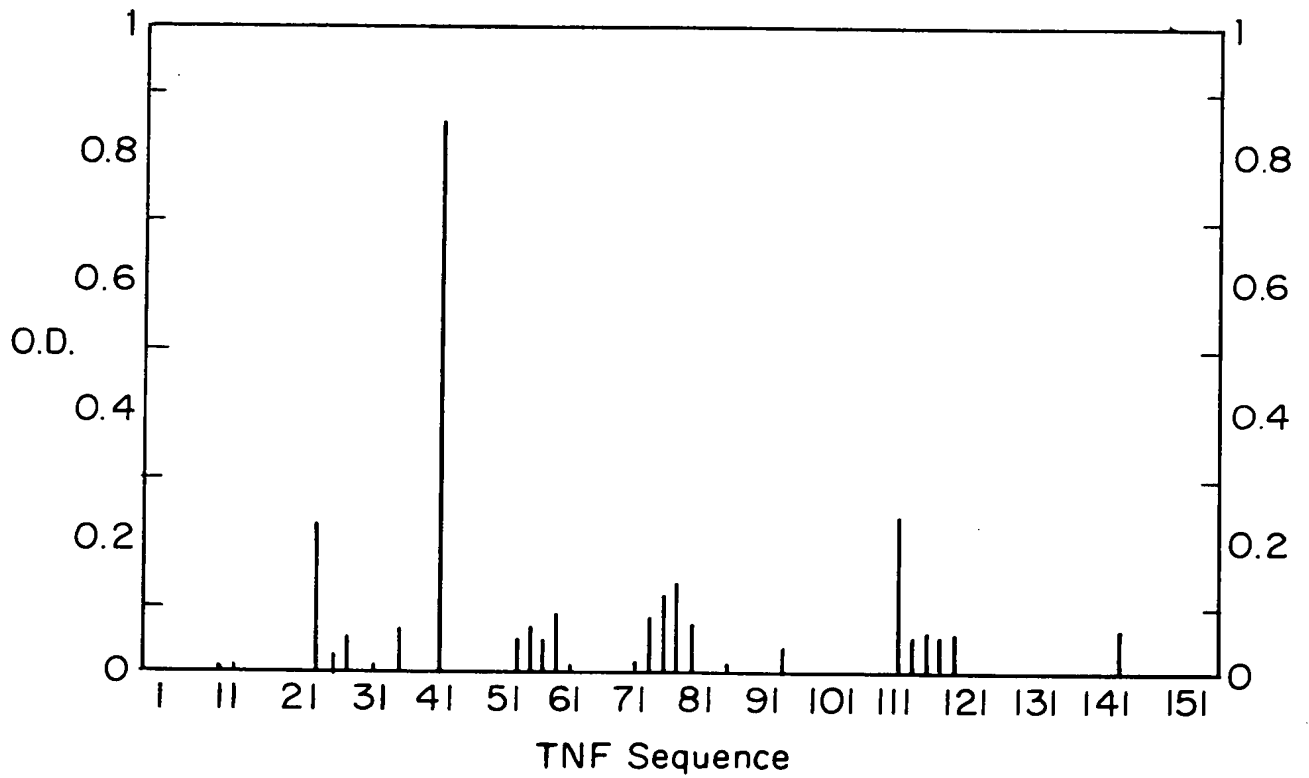


FIG. 14B

APPROVED	O.G. FIG.	
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1 Val Arg Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro  
10

21 Gln Ala Glu Gly Gln Leu Trp Leu Asn Arg Arg Ala Asn Ala Leu Leu Ala Asn Gly  
30

41 Val Glu Leu Arg Asp Asn Gln Leu Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser  
50

61 Gln Val Leu Phe Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile  
70

81 Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala Ile Lys Ser Pro  
90

101 Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys Pro Trp Tyr Glu Pro Ile Tyr Leu  
110

121 Gly Gly Val Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp  
130

141 Tyr Leu Asp Phe Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu  
150

FIG. 15

APPROVED	O.G. FIG.	
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GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTCTGTGAGTCCAGGAGAAAGAGTCAGT  
 AspIleLeuLeuThrGlnSerProAlaIleLeuSerValSerProGlyGluArgValSer  
  
 TTCTCCTGCAGGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAGAACA  
 PheSerCysArgAlaSerGlnPheValGlySerSerIleHisTrpTyrGlnGlnArgThr  
  
 AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC  
 AsnGlySerProArgLeuLeuIleLysTyrAlaSerGluSerMetSerGlyIleProSer  
  
 AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT  
 ArgPheSerGlySerGlySerGlyThrAspPheThrLeuSerIleAsnThrValGluSer  
  
 GAAGATATTGCAGATTATTACTGTCAAGAAAGTCATAGCTGGCCATTACAGTTCGGCTCG  
 GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpPheThrPheGlySer  
  
 GGGACAAATTTGGAAGTAAAA  
 GlyThrAsnLeuGluValLys

FIG. 16A

APPROVED	O.G. FIG.	
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GAAGTGAAGCTTGAGGAGTCTGGAGGAGGCTTGGTGCAACCTGGAGGATCCATGAAACTC  
GluValLysLeuGluSerGlyGlyLeuValGlnProGlyGlySerMetLysLeu  
TCCTGTGTTGCCCTCTGGATTCAATTTTCAGTAACCACTGGATGAACCTGGTCCGCCAGTCT  
SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer  
CCAGAGAAGGGCTTGAGTGGGTTGCTGAAATTAGATCAAAATCTATTAATTCTGCAACA  
ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr  
CATTATGCCGAGTCTGTGAAAGGAGGTTCAACCATCTCAAGAGATGATTCCAAAGTGCT  
HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspSerLysSerAla  
GTGTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTGTCCAGG  
ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg  
AATTACTACGGTAGTACCTACGACTACTGGGGCCCAAGGCACCACTCTCACAGTGTCC  
AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer

FIG. 16B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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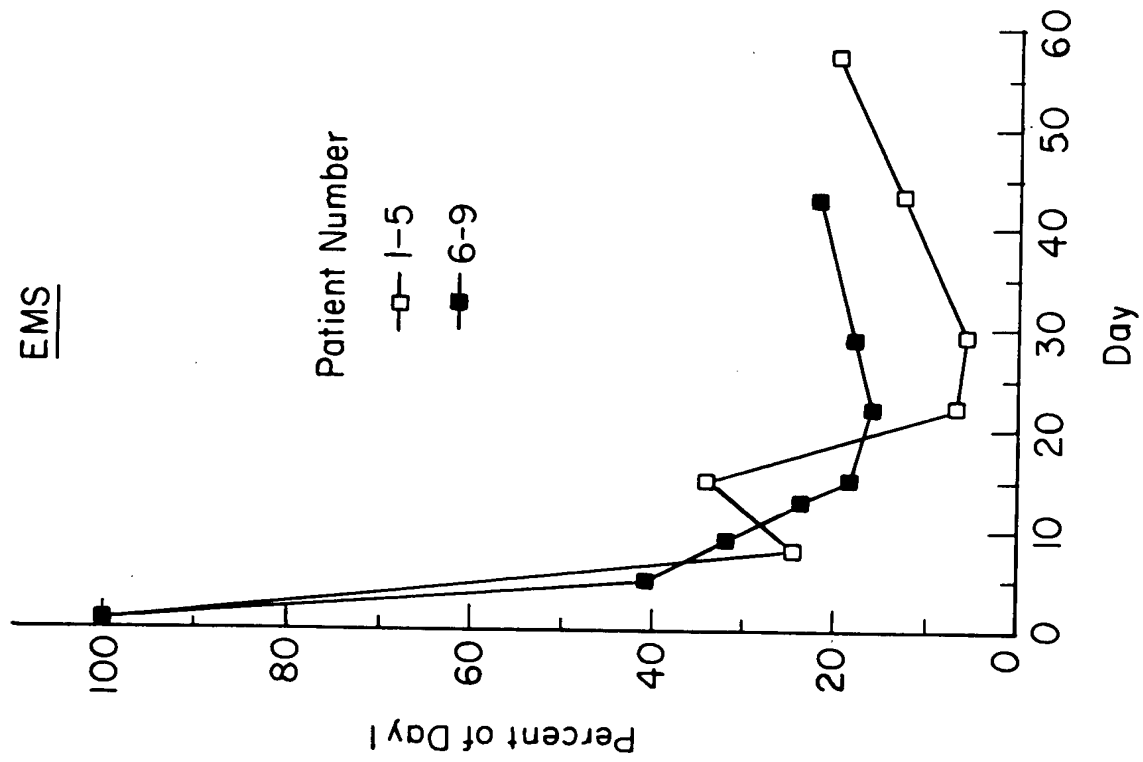


FIG. 17

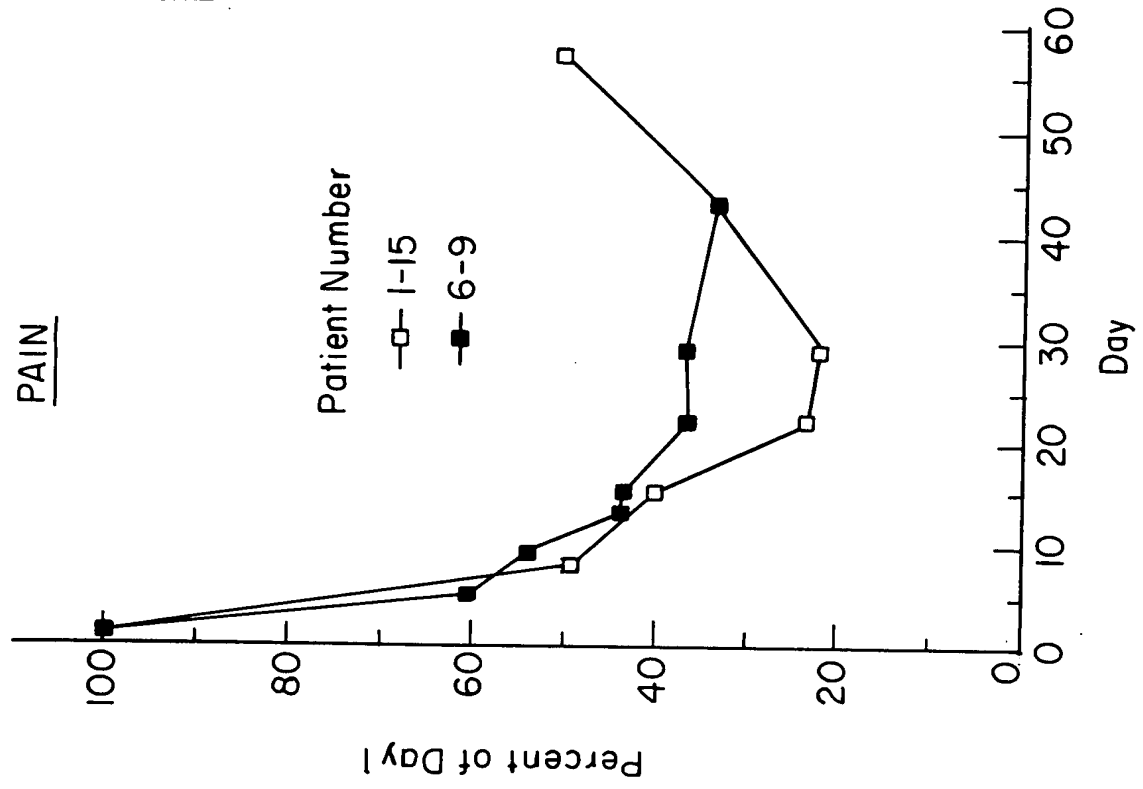


FIG. 18

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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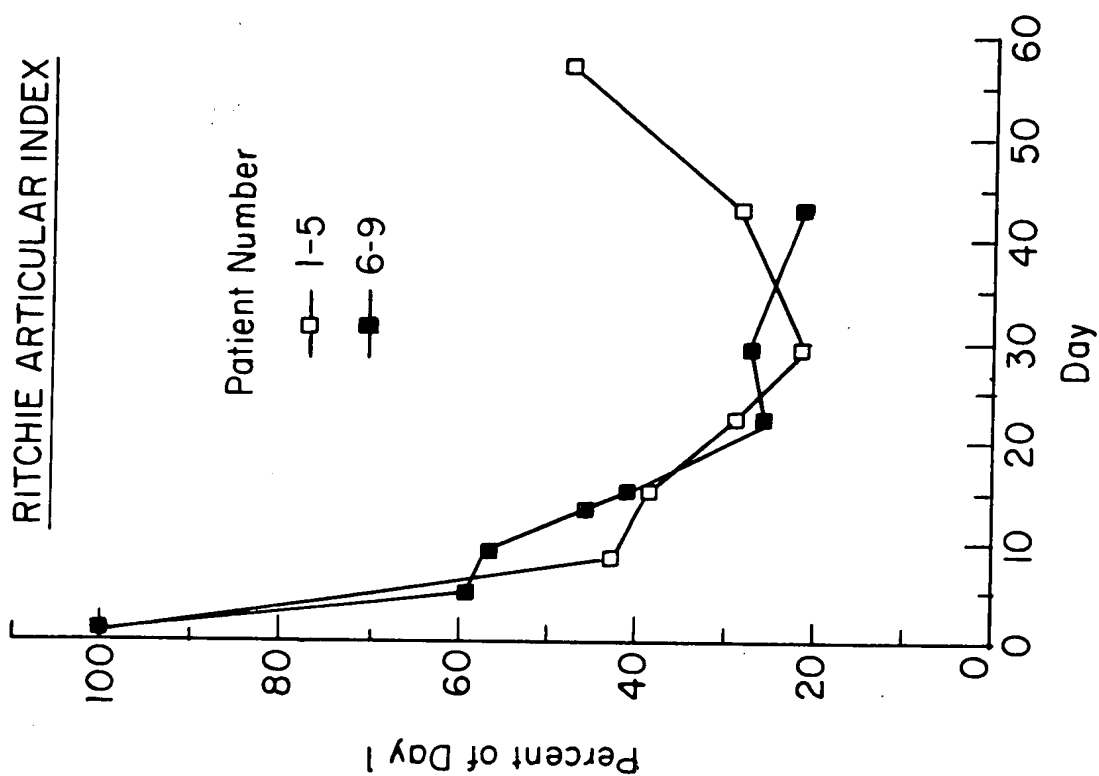


FIG. 19

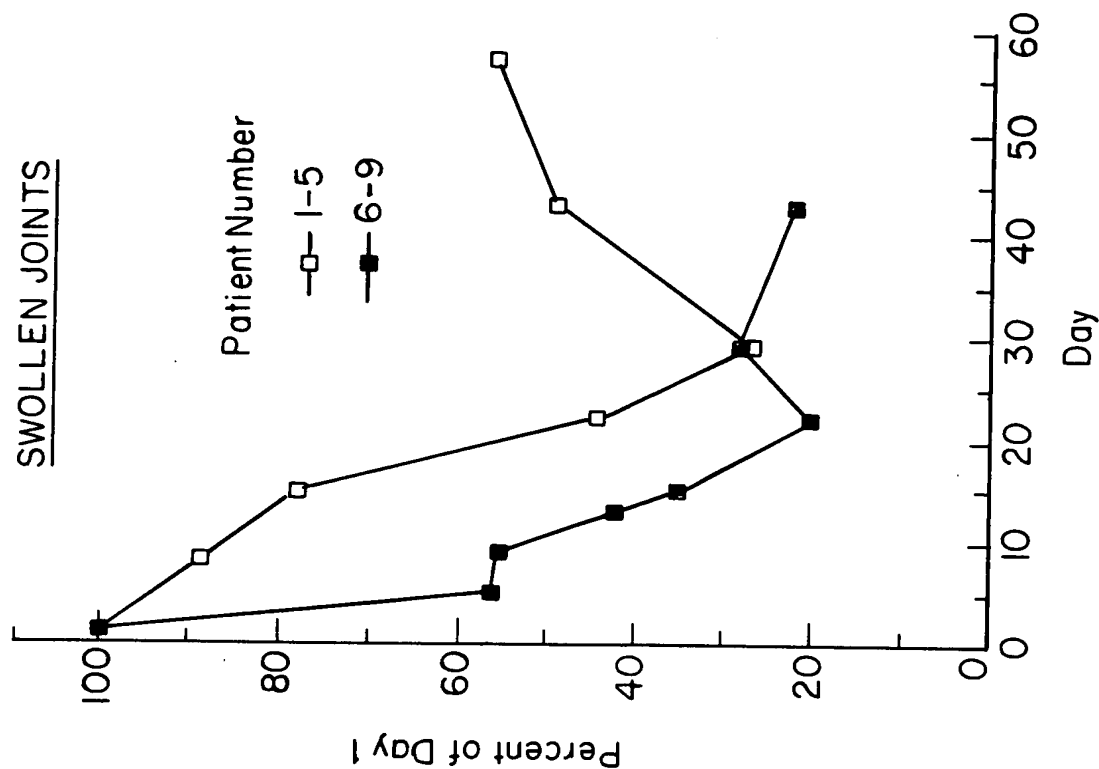


FIG. 20

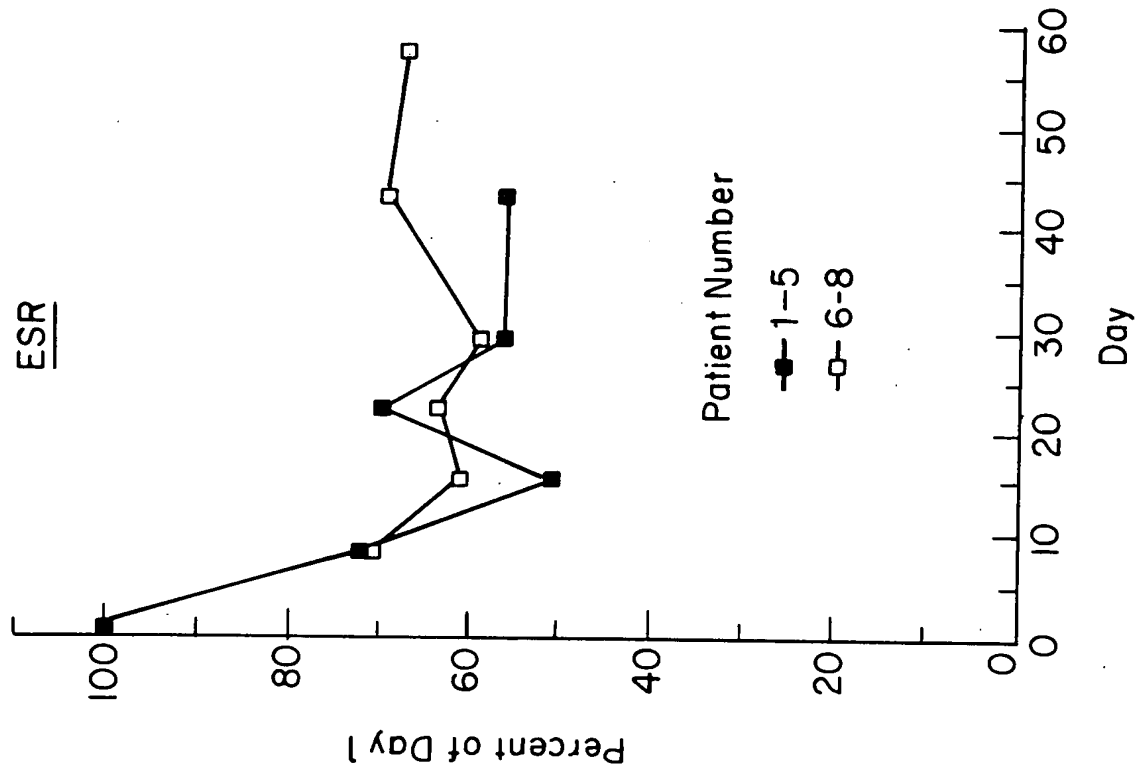


FIG. 22

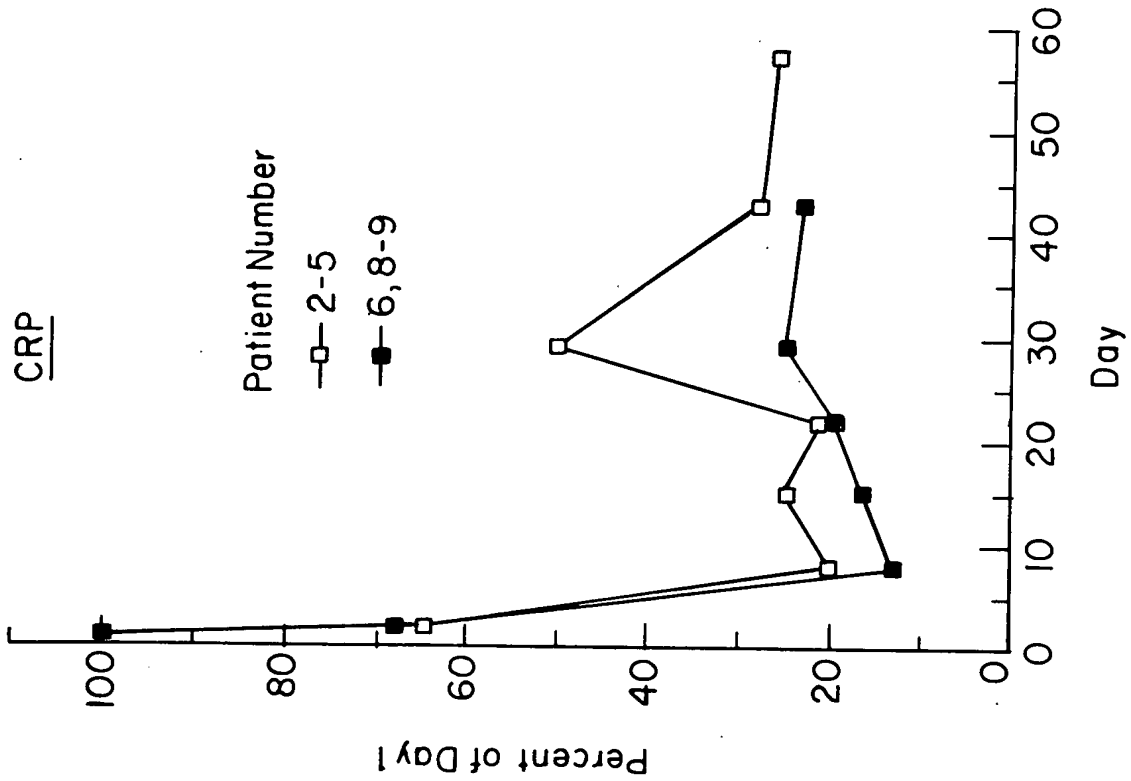


FIG. 21

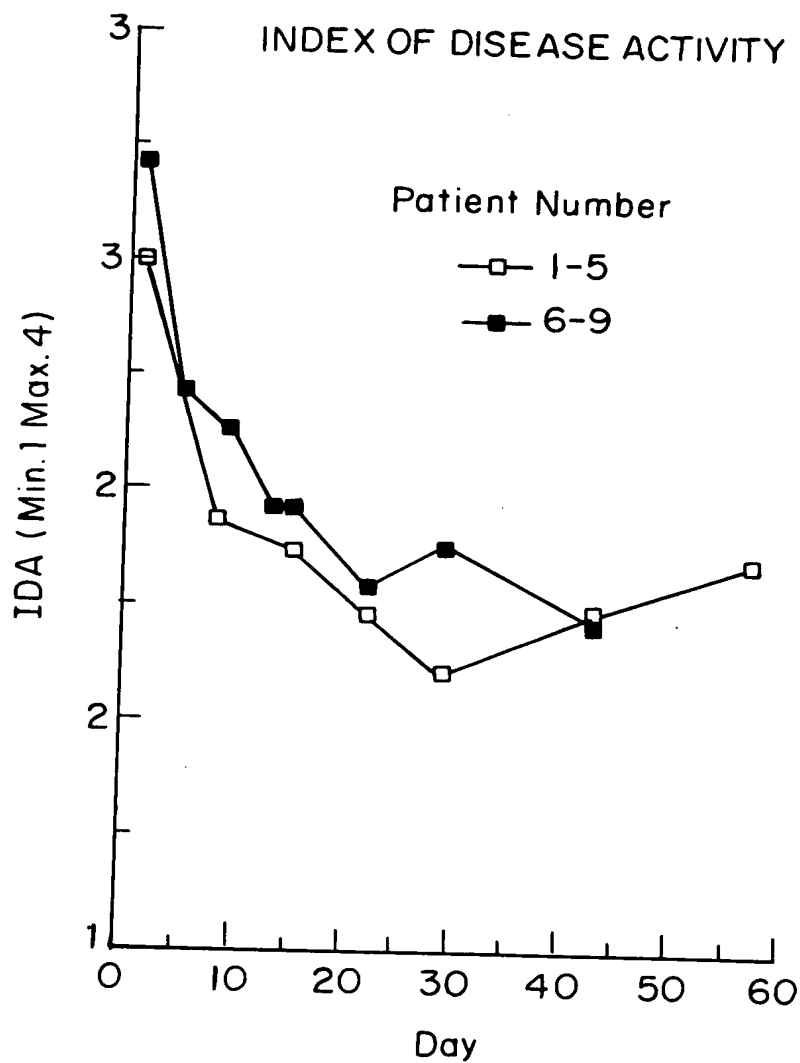


FIG. 23



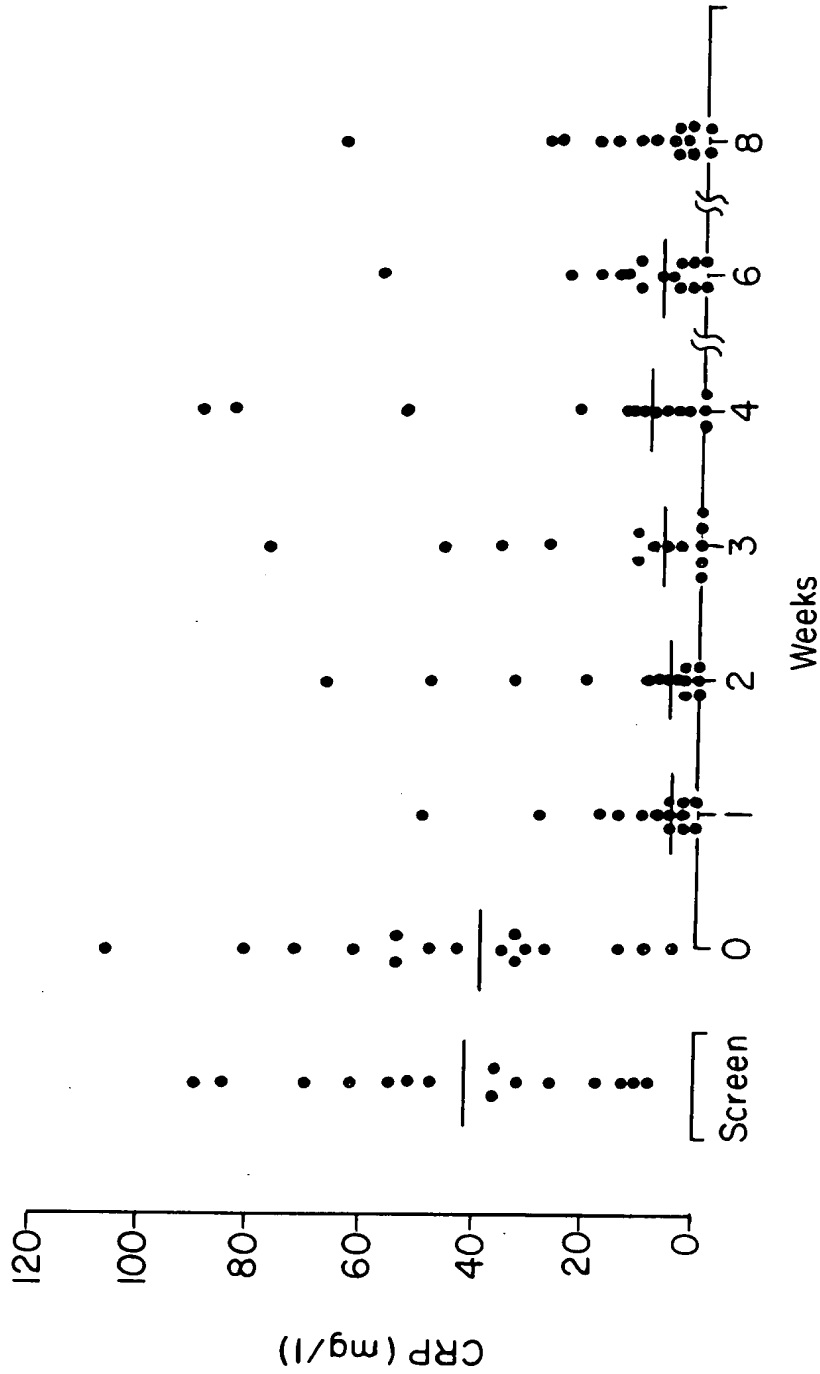
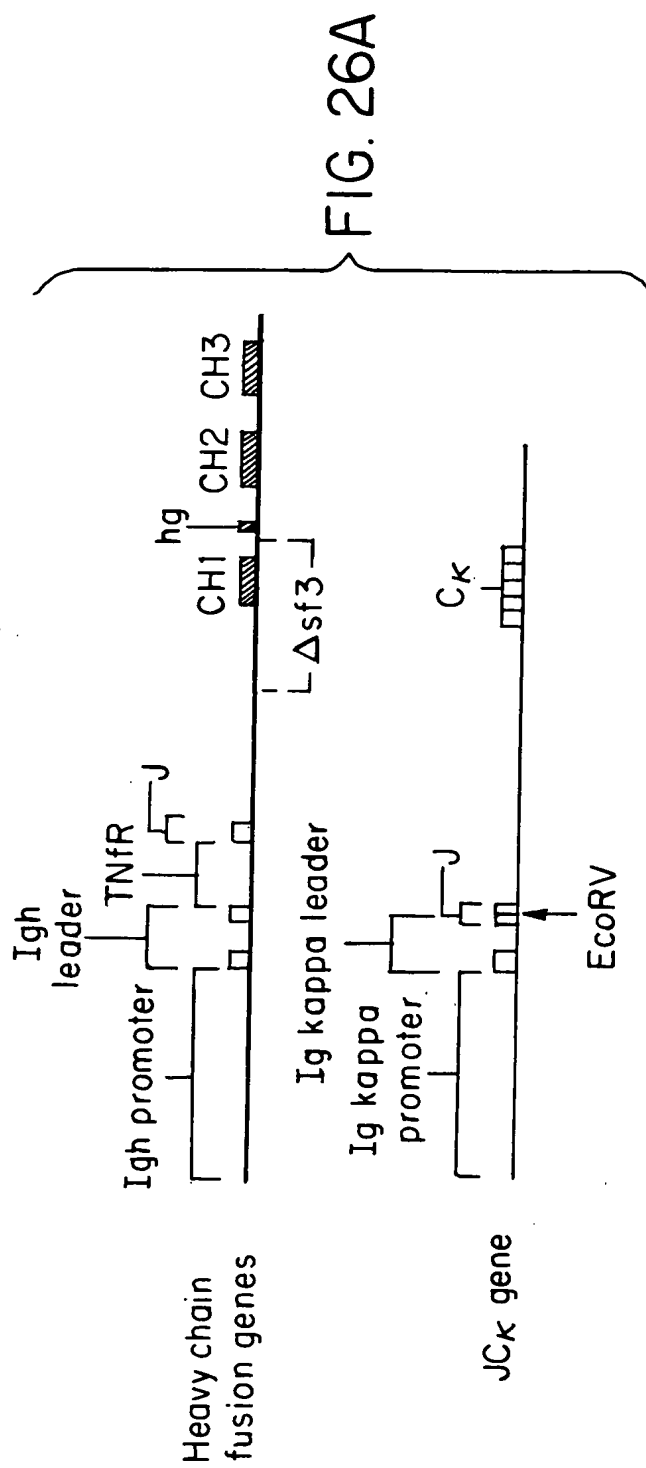


FIG. 25



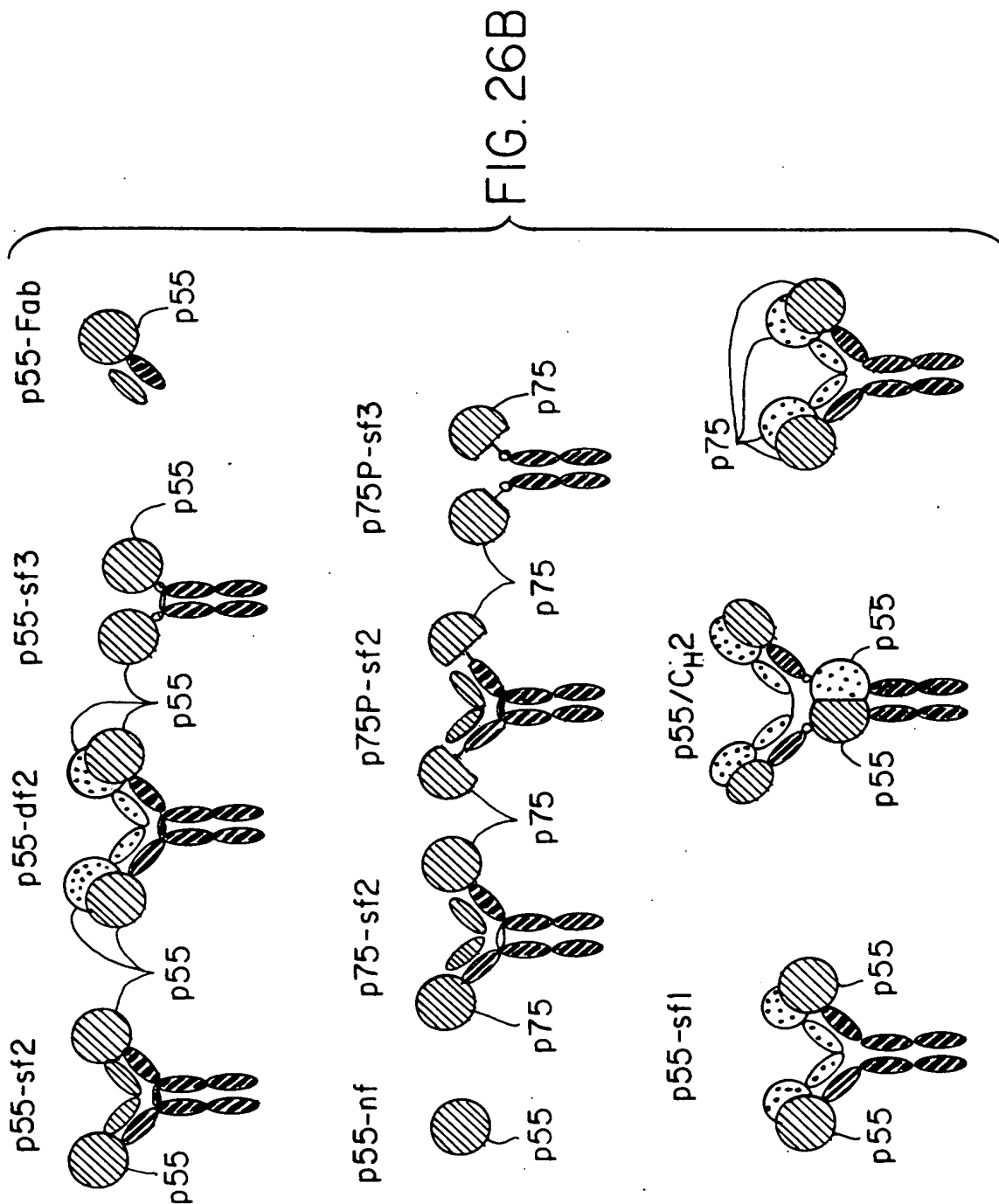
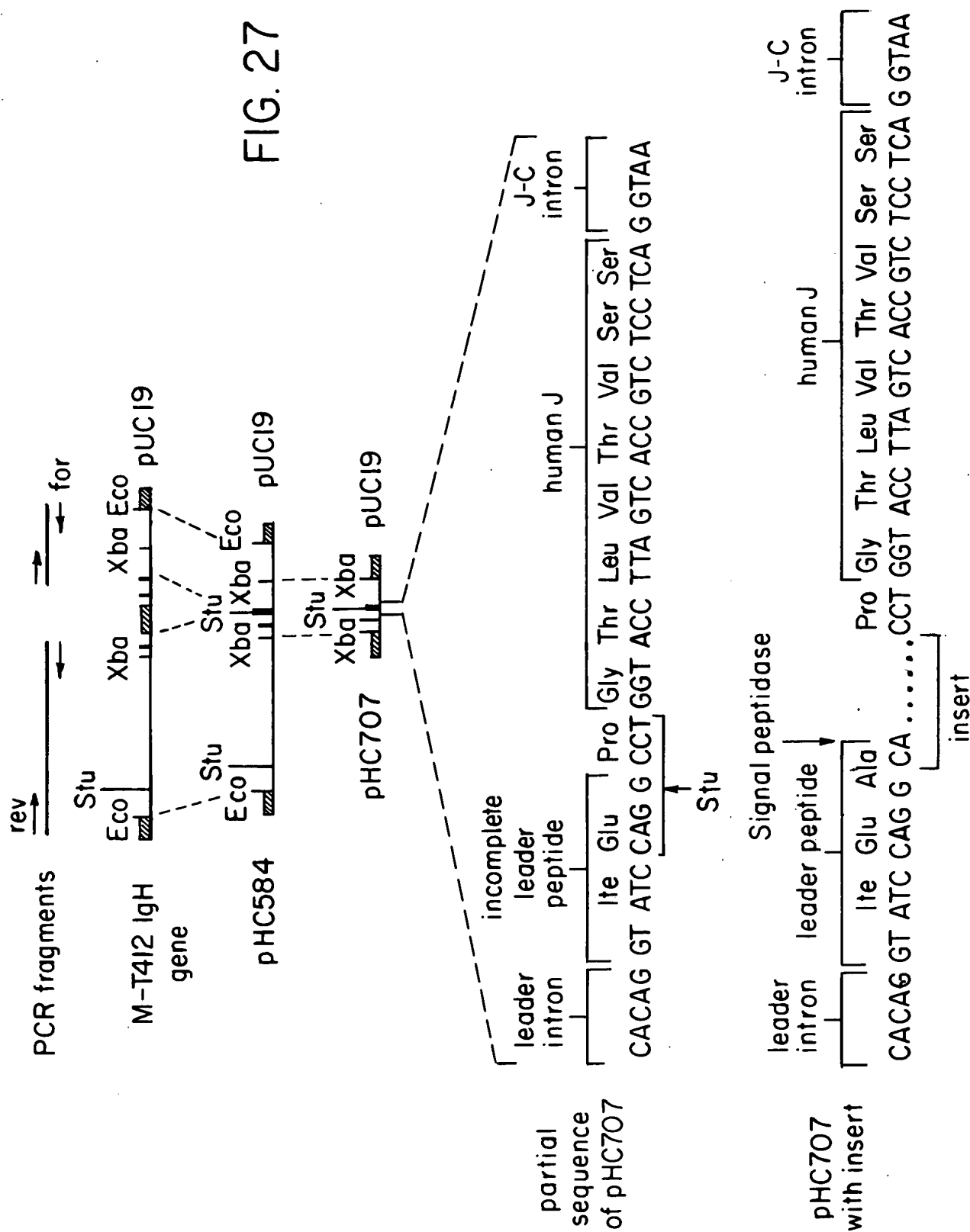




FIG. 27



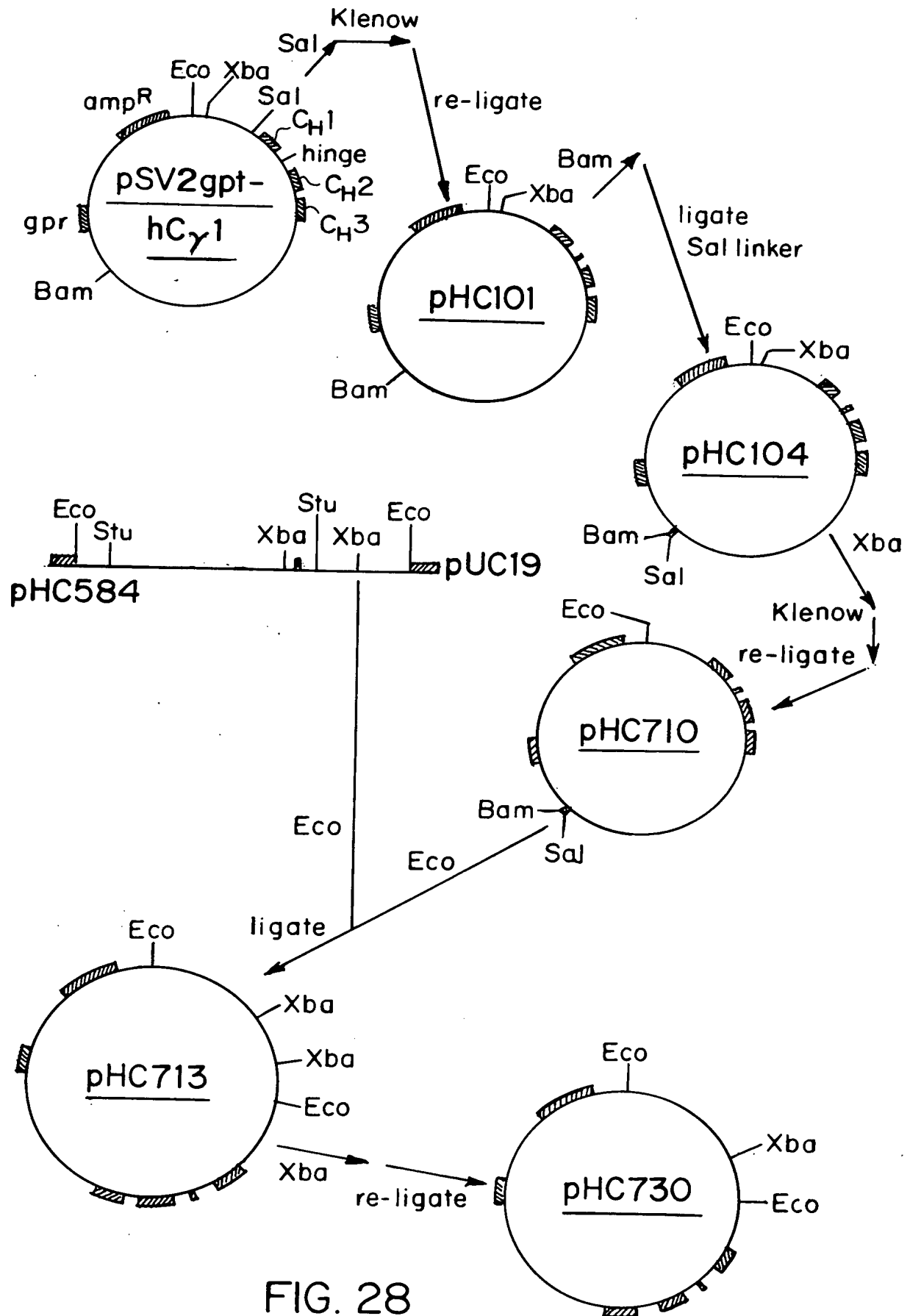


FIG. 28

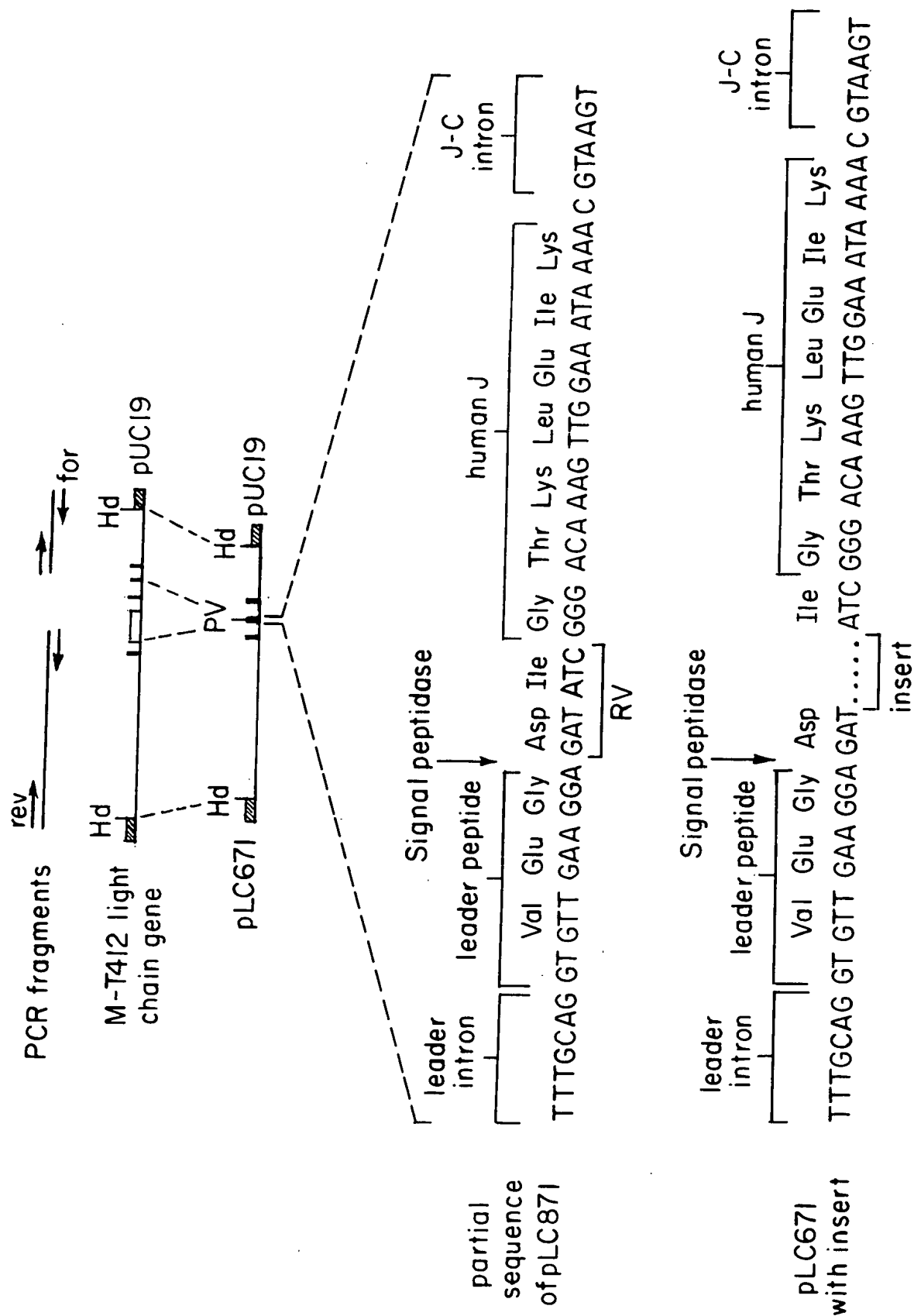


FIG. 29

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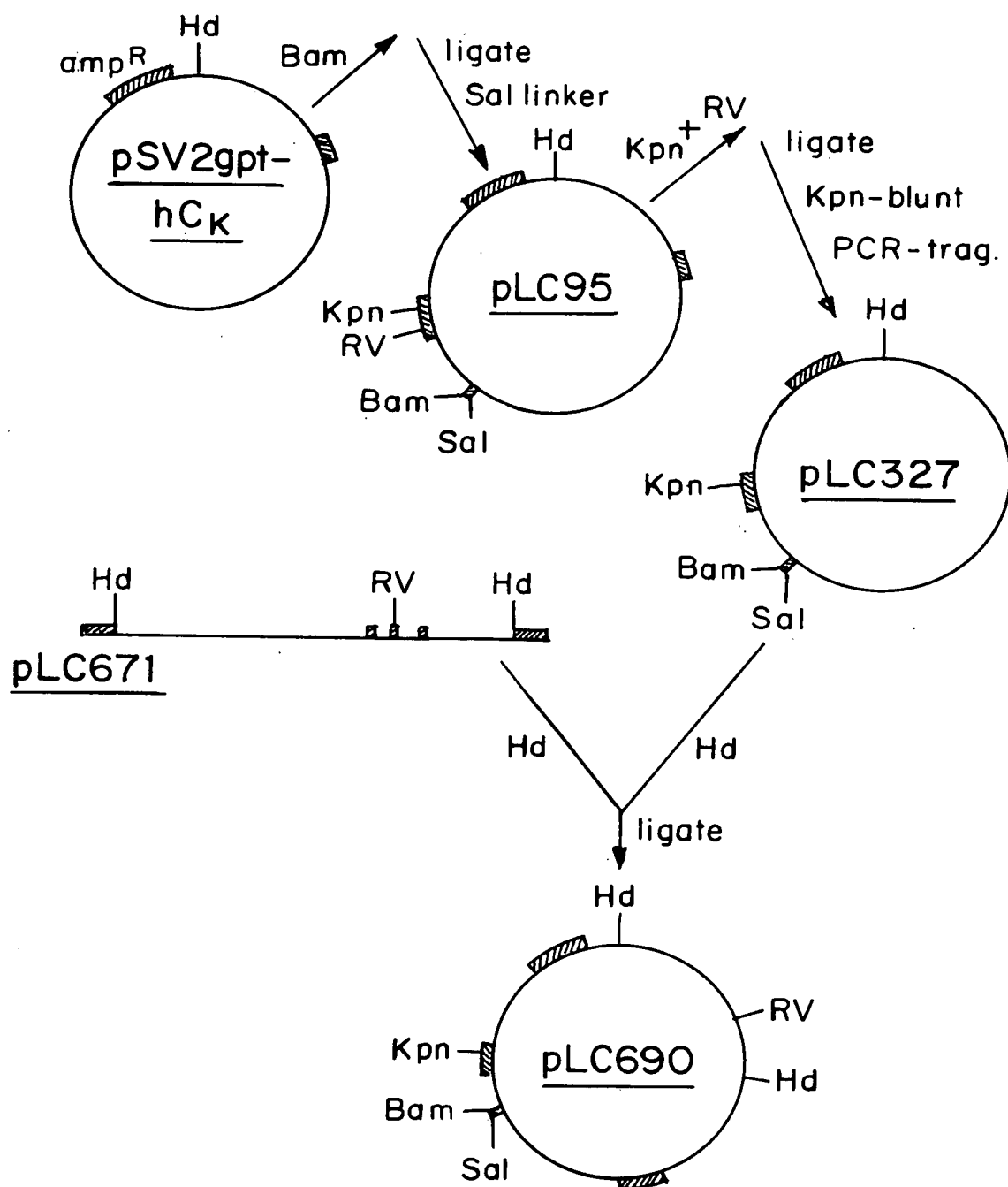


FIG. 30

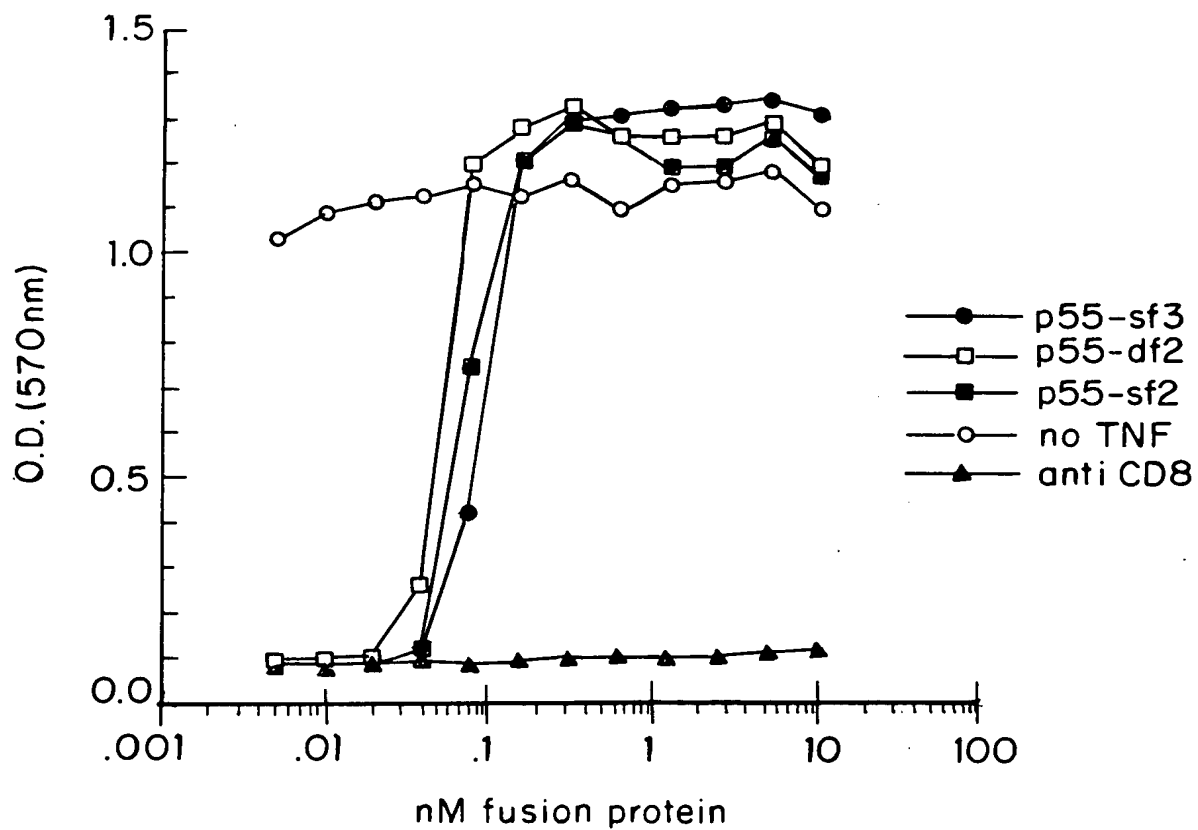


FIG. 31A

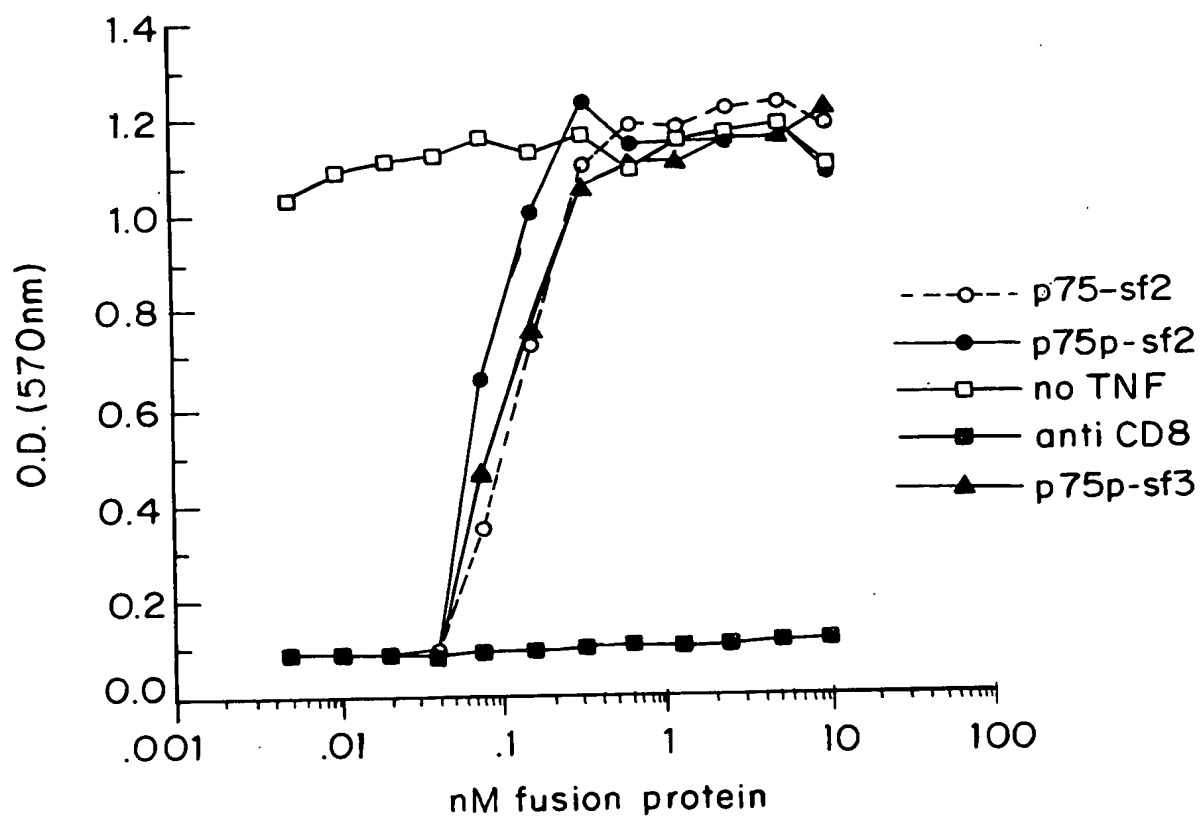


FIG. 31B

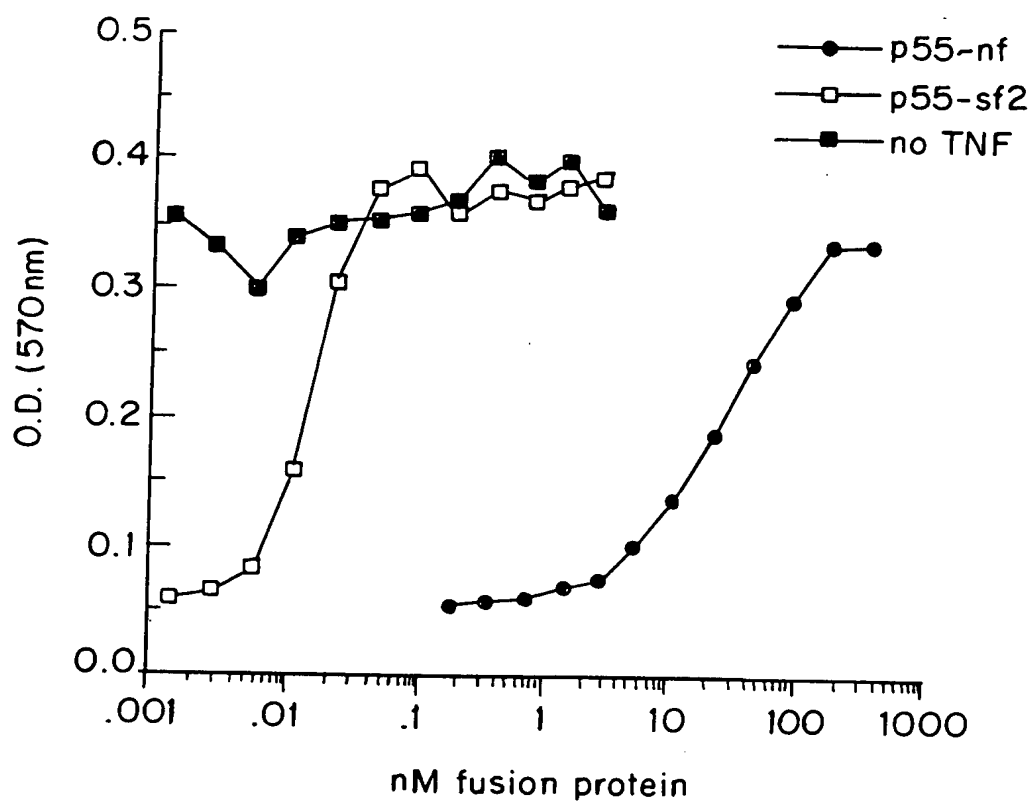


FIG. 31C

APPROVED	O.G. FIG.	
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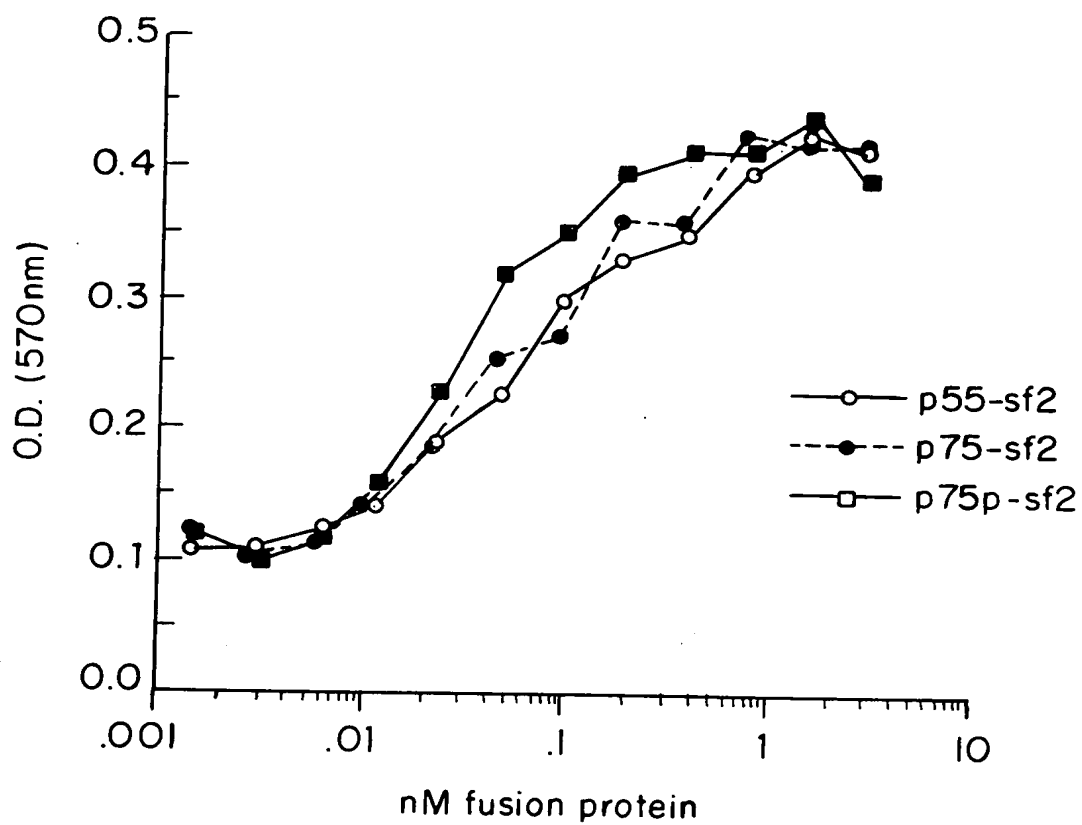


FIG. 32



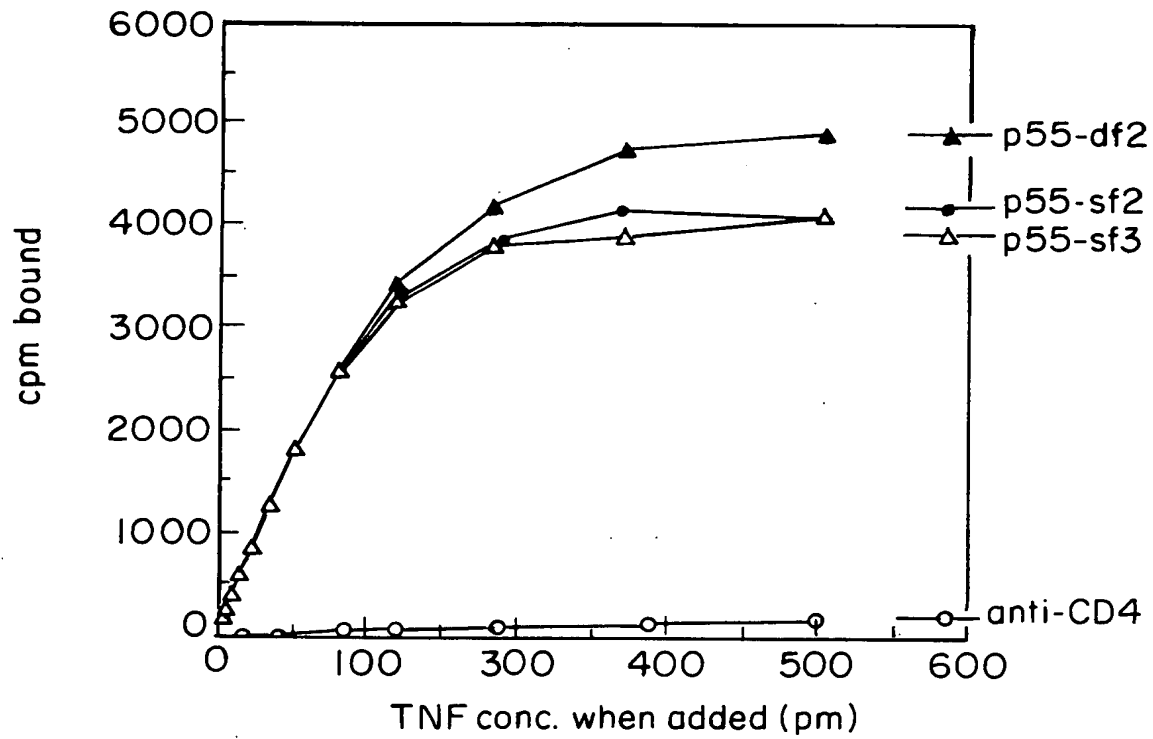


FIG. 33A

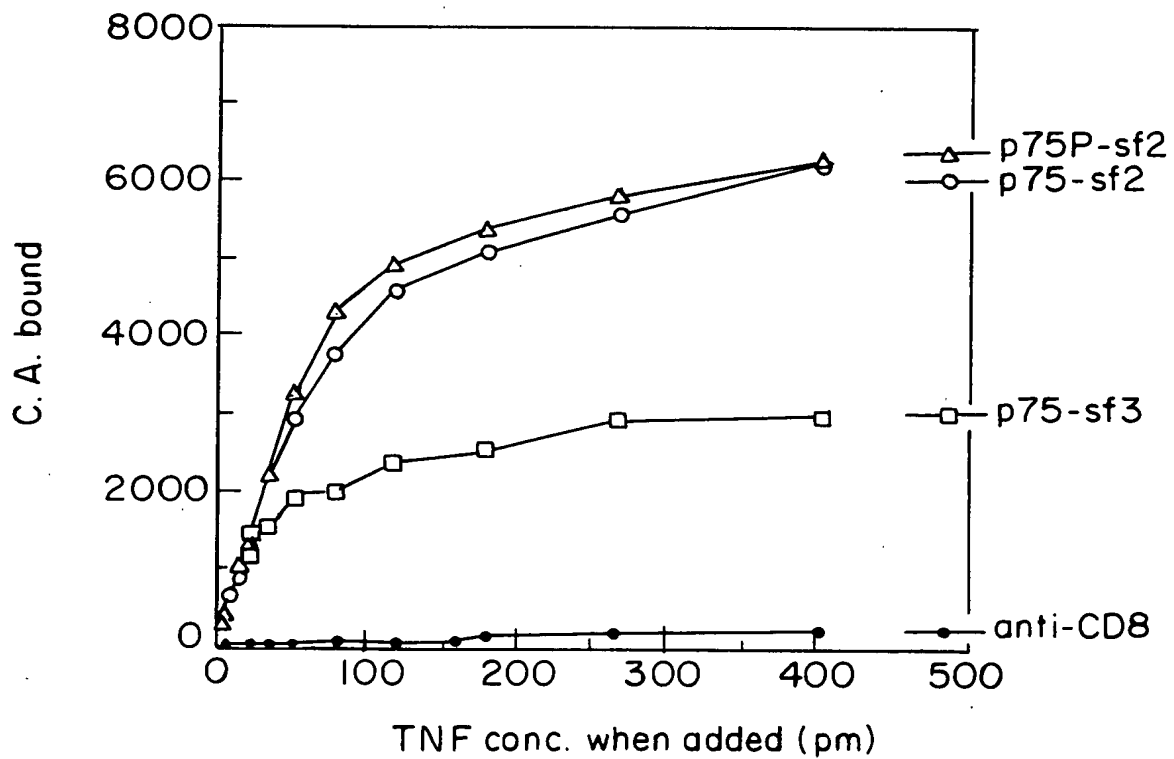


FIG. 33B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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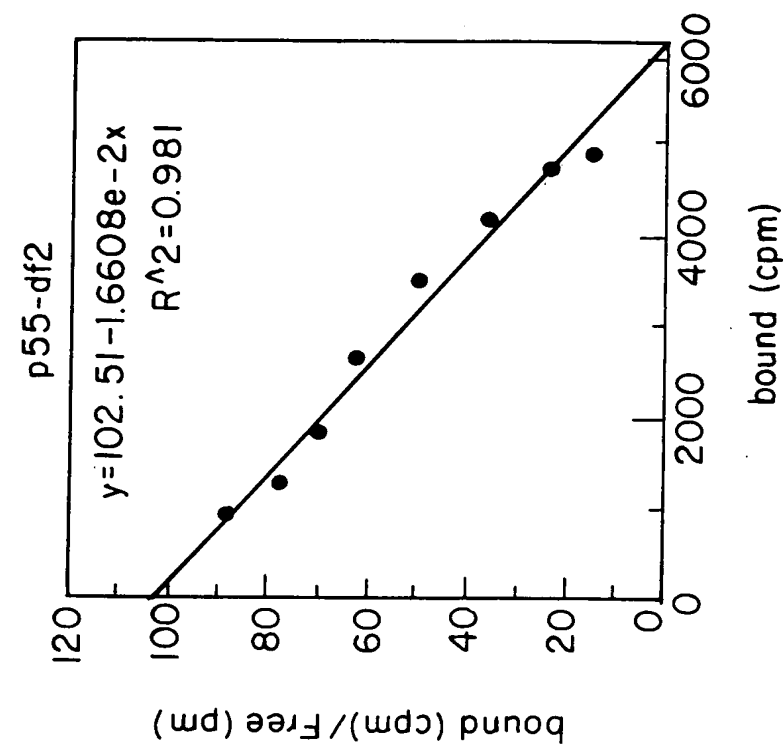


FIG. 33D

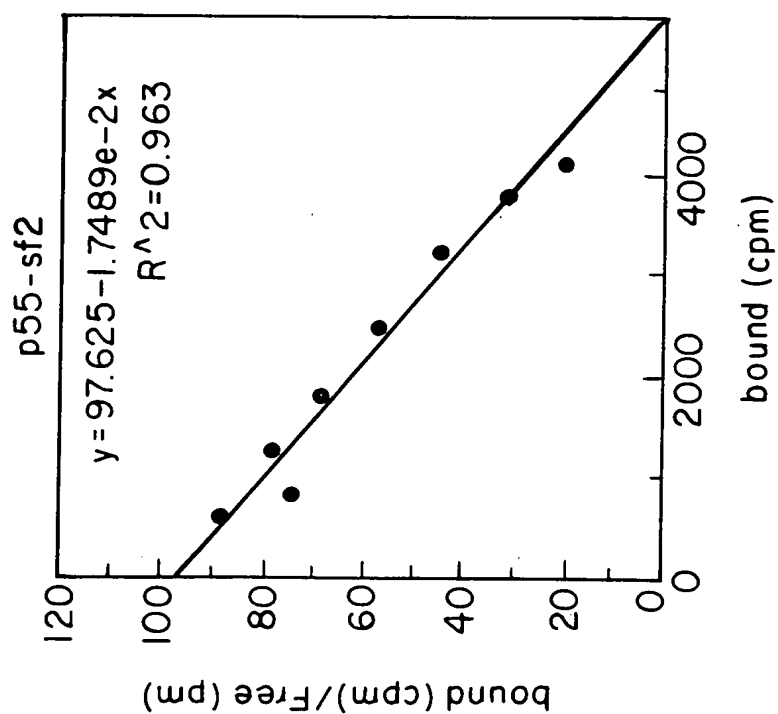


FIG. 33C

APPROVED	S.G. FIG.	
BY	CLASS	SUBCLASS
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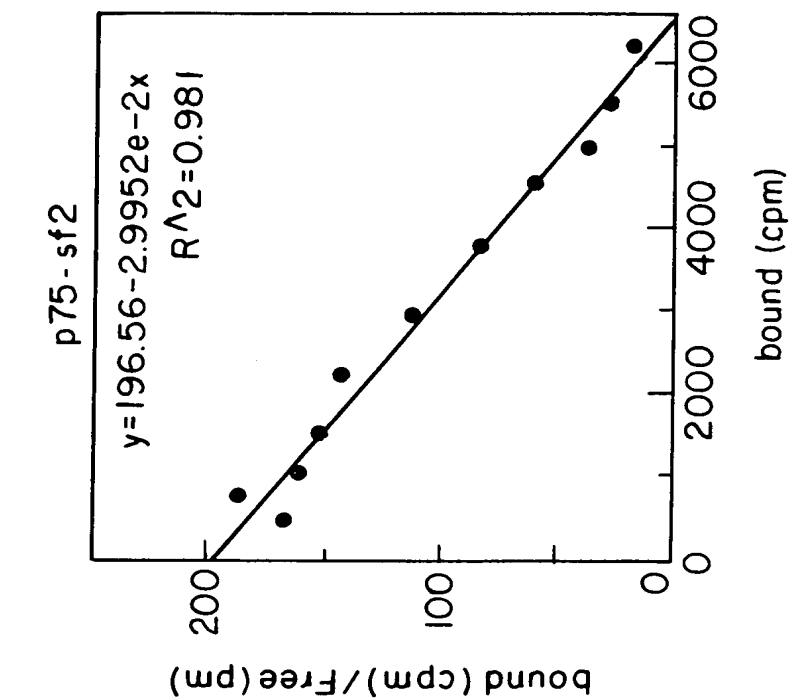


FIG. 33F

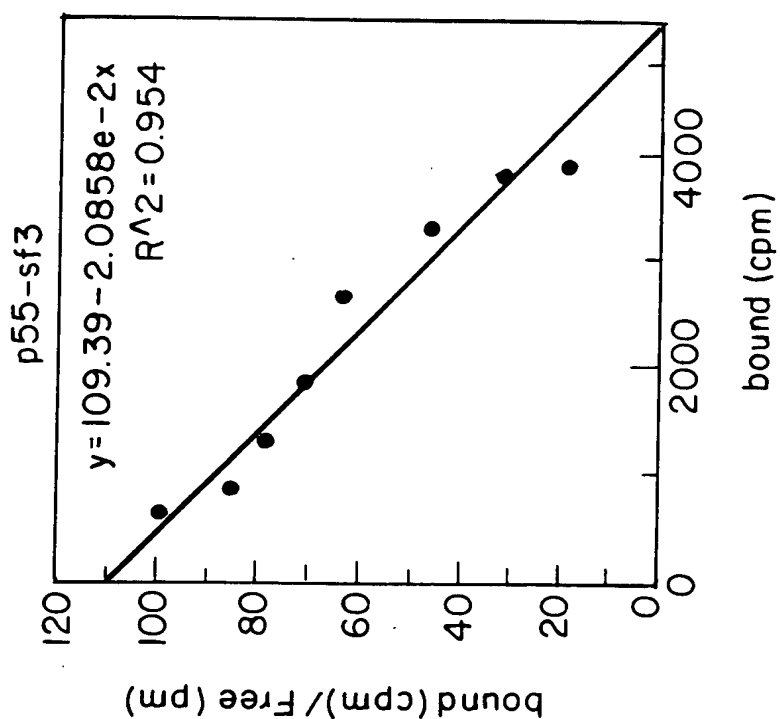


FIG. 33E

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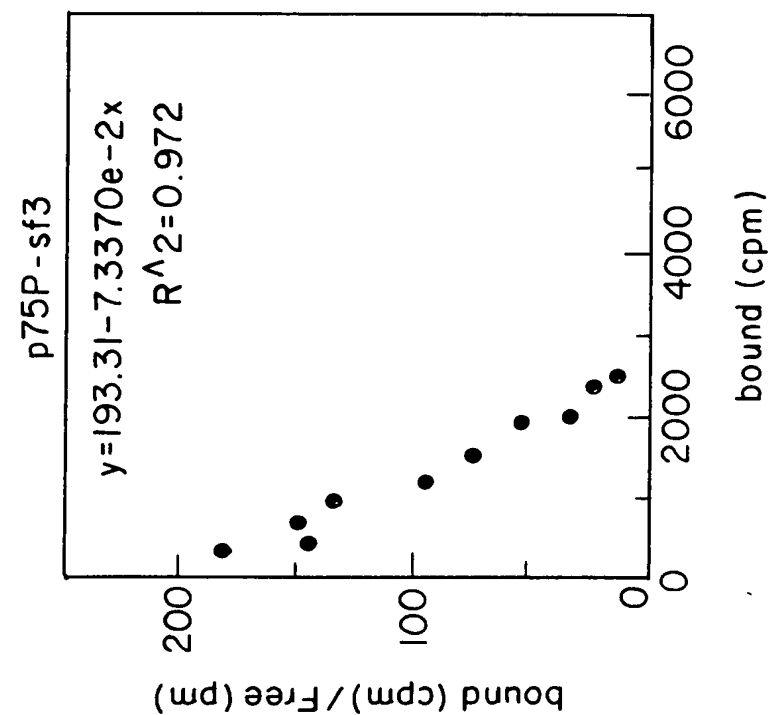


FIG. 33H

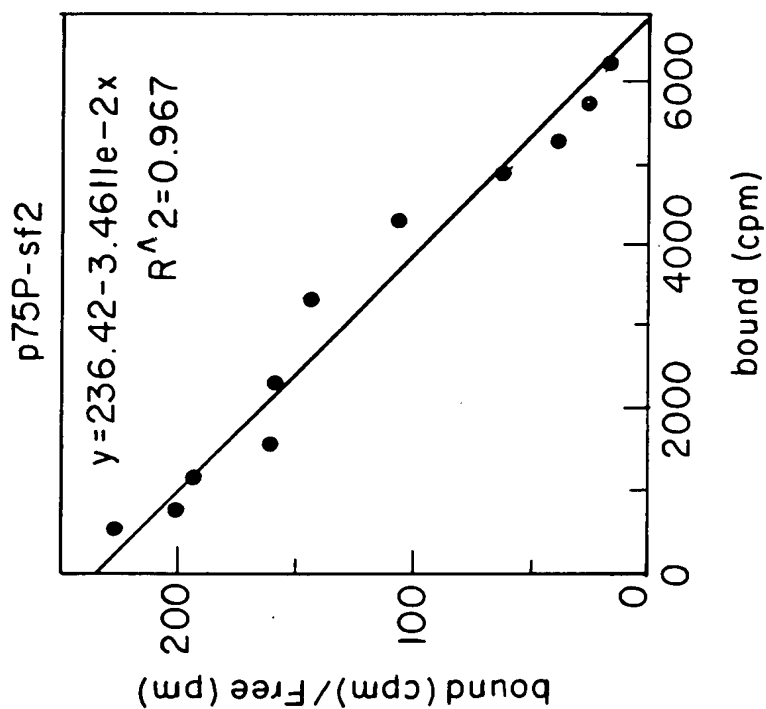


FIG. 33G